

ZUOER 佐尔

Zuoer -- your Link To The World

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ZUOER佐尔

COMPANY PROFILE

The Shanghai ZUOER Co. Ltd is a company working on R&D, produce, sale and offer service for automatic equipment, conveyors, and its driving chains, TablTop, MeshTop etc. and related accessories. We design, produce, assemble and test the automatic conveyors to meet the needs of customers. Such as belt conveyor, meshtop conveyor, rollers, chains, flexible chain conveyor, plastic chain, gridtop belt, curve belt, multiflex chain and so on. Those products are widely used in the process of Food, Drink, Electronic, Tobacco, Chemistry, Medicine and other Packaging Industries. Our experienced and superb technology team has been working hard on optimizing the product functionality. Provide high-quality and efficient service for our customers. Always highlight product quality. We have achieved ISO9001:2015 certificate. Now, ZOLL has been one of the largest companies for conveyors, mesh belts, chains. "High quality, superb efficiency" has been our purpose since our company was set up. As our products are more and more popular among and preferred by customers all over the world like in Europe, Middle East, Africa, Southeast Asian, Japan, South Korean, Hong Kong, Taiwan, and China. In the future, ZOLL has been looking forward to create a harmonious and win-win business relationship with you.

Collaborate with partners

Create new value and markets

Implement enterprise brand development strategy

Cultivate the core competitiveness



Corporate Culture



Shanghai Zuoer Transmission Equipment Co., Ltd.



Vision:

To be the leader of intelligent transport! To build a centennial enterprise!

Mission:

Achieve dreams and contribute to social progress!

Values

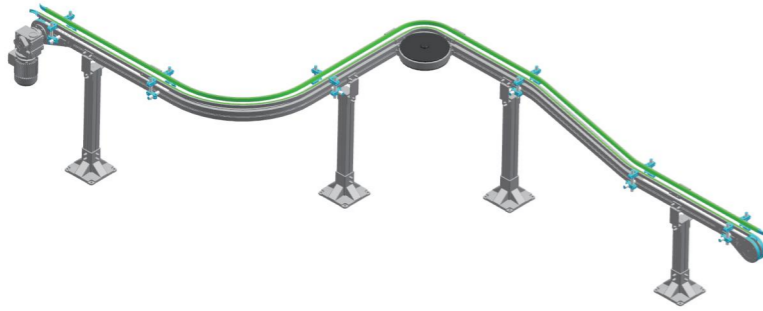
■ Mutual Effects:

Helping others can get good rewards while emphasizes the importance of mutual cooperation and mutual achievement; Our goal: To achieve customers, to achieve employees, to achieve partners, to achieve ourselves.

■ Extraordinary:

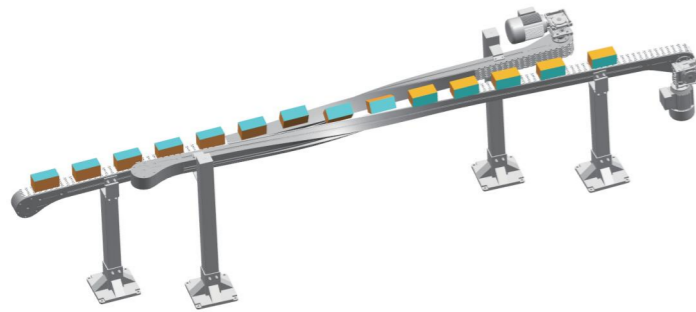
Reflect the pursuit of excellent quality and excellent performance, we will win customers and markets with outstanding products and services to create extraordinary.

Side Flex Incline conveyor



- 1.Chain Width optional from 44mm to 295mm
- 2.Running speed:5-40 m/min
- 3.Suitable for complex layout, can achieve multiple turns and inclines when conveying
4. Min conveying section length is 160mm

Inverter Conveyor



- 1.Chain Width optional from 44mm to 295mm
- 2.Running speed:5-40 m/min
- 3.Suitable for inverting 90-degree of square-shape objects
- 4.The conveying length should be not less than 2500mm
- 5.The outlet should be decline after inverting

Loop Conveyor



- 1.Driven by 90-degree horizontal rotating disc,it enables seamless circulation of the conveying surface.
- 2.Optional chain models:ZL63 ZM83 ZH103
- 3.Running speed:5-30m/min
- 4.Returning journey do not need return chain
- 5.ZL63 Drive is 37 teeth,ZM83 Drive is 30 teeth,ZH103 Drive is 30 teeth

Accumulation Conveyor



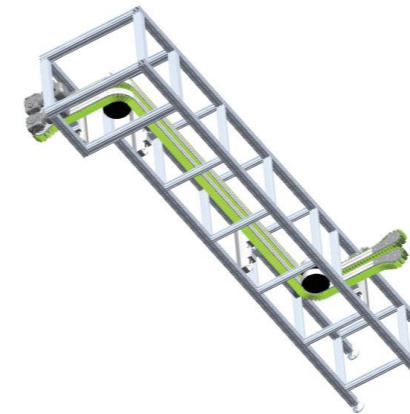
- 1.Optional chain width can be 63mm/83mm/103mm
- 2.Running speed:5-40 m/min
- 3.Suitable for 3-D storage and saving space
- 4.The picture shows a single tower. Double towers can be used to increase the cache capacity.
- 5.Suitable for caching and sorting of assembly line parts, temporary storage of semi-finished products, sorting buffering, temporary storage, etc.

Spiral Lifting Conveyor



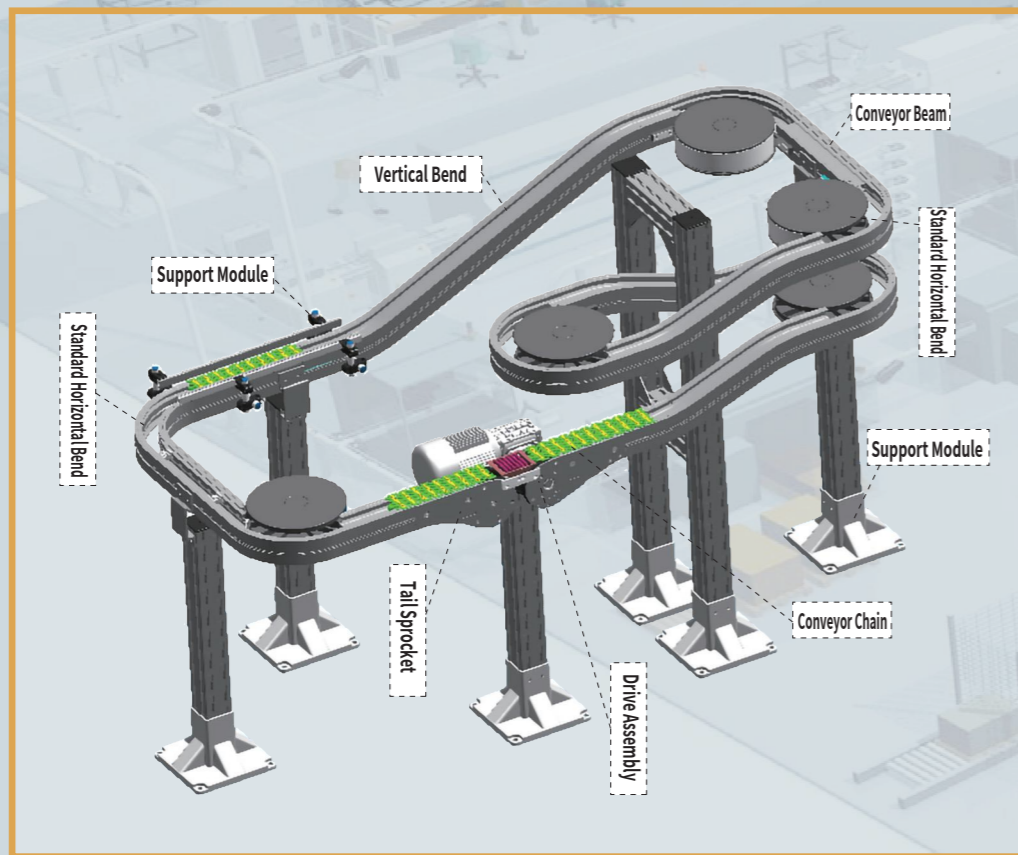
- 1.Optional chain width 83mm/103mm/175mm/295mm
- 2.Running speed:5-40 m/min
- 3.Suitable for continuous lifting and declining of materials
- 4.Center line diameter 1 meter to 2 meters

Gripper Flexible Conveyor



- 1.Suitable for lifting, lowering regular objects such as frames, boxes, cans, bottles, etc.
- 2.Cannot be transported forward and reverse. The maximum conveying speed is 40 m/min. The gripping width can be adjusted within a certain range. When in use, it is necessary to maintain an appropriate distance between the conveyed items.When the machine stops, all the conveyed materials must be completely discharged.Avoid excessive loads.

ZUOER® Flexible Chain Conveyor



01 Standard Conveyor System.....14

1、ZU43.....14	6、ZK140.....125
2、ZS44.....26	7、ZM140.....137
3、ZL63.....43	8、ZB175.....150
4、ZM83.....67	9、ZW295.....163
5、ZH103.....96	

02 Gripper Flexible..175

07 Aluminum profile conveyor...191

03 Spiral Flexible Conveyr.....179

08 Stainless Steel Conveyor System....203

04 Accumulation Flexible Conveyor....182

09 Other Conveyor Chain Models.....212




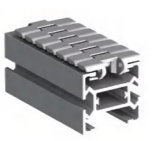










05 Inverter Flexible Conveyor.....186

10 Accessories / Attachments.....221

- 1、 Guide Rail Component.....222
- 2、 Support Module.....249
- 3、 Fastener.....261

06 Pallet Conveyor System.....188

ZU43 Flexible System

 pitch12.7mm Tabletop Chain ZU43 P16	 pitch12.7mm Chain Guide ZU43F P16	 pitch12.7mm Gripper Chain ZU43J P17	 Straight Conveyor Profile ZU45 P17	 Wear Strip W46-1 P18	 Guide Roller Bend Connecting Strip:Z-100-11 P18	 Horizontal Half Beam ZUB45 P19
 Straight Conveyor Profile ZU45 P19	 Clamp ZUJ12 P19	 End Drive Assembly ZUEB43 P20	 Tail Sprocket ZUEJ43 P21	 ZU Horizontal Guide Roller Bend P22	 Standard Horizontal Bend ZU43 P23	 Vertical Bend ZU43 P25

ZS44 Conveyor Chain

 pitch25.4mm ZS44A Tabletop Chain P27	 pitch25.4mm ZS44B Tobacco Chain P27	 pitch25.4mm ZS44C V-type Chain P28	 Straight Conveyor Profile ZS44 P28	 Wear Strip W46-1 P29	 Connector Z-126-20 P29	 Straight Conveyor Profile ZU45 P30
 Horizontal Half Beam ZUB45 P30	 Square Nut P30	 ZSCC160 P31	 ZSEB44-9T P32	 ZSEB44-16T P33	 ZSEB44-16TQB P34	 ZSEJ44-9T P35
 ZSEJ44-16T P36	 ZSEJ44-16TFT P37	 Horizontal Guide Roller Bend P38	 Straight Conveyor Profile ZU45 P39	 Vertical Bend ZS44 P41		

ZL63 Conveyor Chain


 pitch25.4mm ZL63A Silent Chain P44	 pitch25.4mm ZL63B Silent Chain P44	 pitch25.4mm ZL63C Chain Guide P45	 pitch25.4mm ZL63D Tooth Chain P45	 pitch25.4mm ZL63E Tobacco Chain P46	 pitch25.4mm ZL63F Chain Guide P46	 pitch25.4mm ZL63G Chain Guide P47
 pitch25.4mm ZL63S Seamless Chain P47	 pitch25.4mm ZL63YH Crescent Chain P48	 Straight Conveyor Profile ZL65 P48	 Horizontal Half Beam ZLB65 P49	 Clamp ZLJ65 P49	 ZLCC160 P50	 ZLEB63 P51

 ZLEB63QB P52	 ZLEB63QB P53	 ZLEB63GD P54	 ZLEB63-S P55	 ZLEB63SQ P56	 ZLEW63-90P P57	 ZLER63 P58
 ZLEJ63 P59	 ZLEJ63-9T P60	 ZLEJ63FT P61	 Horizontal Guide Roller Bend P62	 Horizontal Guide Roller Bend ZL63 P63	 Vertical Bend ZL63 P65	

ZM83 Conveyor Chain




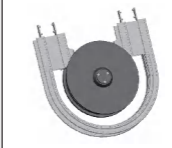

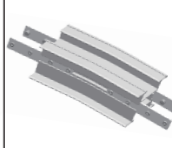
 pitch33.5mm ZM83A Tooth Chain P68	 pitch33.5mm ZM83B Tooth Chain P68	 pitch33.5mm ZM83C Chain Guide P69	 pitch33.5mm ZM83P Tabletop Chain P69	 pitch33.5mm ZM83JP Gripper Chain P70	 pitch33.5mm ZM83-G3 Gripper Chain P70	 pitch33.5mm ZM83-G3-SP Low resistant gripper chain P71
 pitch33.5mm ZM83-G4 Gripper Chain P71	 pitch33.5mm ZM83D Gripper Chain P72	 pitch33.5mm ZM83AR Side Flex Chain P72	 pitch33.5mm ZM83PJ Chain Guide P73	 pitch33.5mm ZM83V Wedge Chain P73	 pitch33.5mm ZM83GL Roller Chain P74	 pitch33.5mm ZM83VD V-type Chain P74
 pitch33.5mm ZM83TR Ball Top Chain P75	 pitch33.5mm ZM83TR-SP Ball Top Chain P75	 pitch33.5mm ZM83S Seamless Chain P76	 pitch33.5mm Straight Conveyor Profile ZM85 P77	 pitch33.5mm Wear Strip W45-1 P77	 pitch33.5mm Z-160-25 Connecting strip with locating screw P77	 pitch33.5mm Horizontal Half Beam ZMB85 P78
 Clamp ZMJ85 P78	 ZMCC160 P79	 ZMEB83-9T P80	 ZMEB83-12T P81	 ZMEB83-12TQB P82	 ZMEB83GD P83	 ZMEB83-S P84
 ZMEB83SQ P85	 ZMEW83-90P P86	 ZMER83 P87	 ZMEJ83-9T P88	 ZMEJ83-12T P89	 ZMEJ83-12TFT P90	 Horizontal Guide Roller Bend P91
 Standard Horizontal Bend ZM83 P92	 Vertical Bend ZM83 P94					

ZH103 Conveyor Chain

 pitch35.5mm ZH103A Tooth Chain P97	 pitch35.5mm ZH103B Chain Guide P97	 pitch35.5mm ZH103C Lifting Chain P98	 pitch35.5mm ZH103D Chain Guide P98	 pitch35.5mm ZH103E Spacing Chain P99	 pitch35.5mm ZH103BL Tabletop Chain P99	 pitch35.5mm ZH103AR Side Flex Chain P100
 pitch35.5mm ZH103PJ Chain Guide P100	 pitch35.5mm ZH103TR Ball Top Chain P101	 pitch35.5mm ZH103YH Tabletop Chain P101	 pitch35.5mm ZH103H Chain Guide P102	 pitch35.5mm ZH103F Chain Guide P102	 pitch35.5mm ZH103V V-type Chain P103	 pitch35.5mm ZH103S Seamless Chain P103
 pitch35.5mm ZH103G Steel Top Chain P104	 pitch35.5mm ZH103R Roller Chain P104	 pitch35.5mm ZH103 Straight Plate+ Divider P105	 pitch35.5mm ZH103 Curve Divider P105	 pitch35.5mm ZH140-103G Tooth Chain P106	 pitch35.5mm Standard Straight Conveyor Profile ZH105 P106	 pitch35.5mm Enhanced Straight Conveyor Profile ZH105R P107
 Wear Strip W45-1 P107	 with location screw P107	 Horizontal Half Beam: ZHB105R P108	 Clamp ZHJ105 P108	 ZHCC160 P109	 ZHEB103 P110	 ZHEB103QB P111
 ZHEB103GD P112	 ZHEB103-S P113	 ZHEB103SQ P114	 ZHEW103-90P P115	 ZHER103 P116	 ZHEJ103-P P117	 ZHEJ103 P118
 ZH103EJ-12TFT P119	 Horizontal Guide Roller Bend ZH103 P120	 Standard Horizontal Bend ZH103 P121	 Vertical Bend ZH103 P123			

ZK140 Conveyor Chain

 pitch38.1mm ZK140A Flat Teeth Chain P126	 pitch38.1mm ZK140D Wedge Chain P126	 pitch38.1mm ZK140PJ Chain Guide P127	 pitch38.1mm Straight Conveyor Profile ZK142 P128	 pitch38.1mm Wear Strip W33 P128	 pitch38.1mm Connecting Strip Z-126-20 P128	 pitch38.1mm Horizontal Half Beam: ZKB142 P129
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 Clamp ZKJ142 P129	 ZKEB140 P130	 ZKEJ140 P131	 Horizontal Guide Roller Bend P132	 Standard Horizontal Bend ZK140 P133	 Vertical Bend ZK140 P135
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ZM140 Conveyor Chain

 pitch33.5mm ZM140-83G Tabletop Chain P138	 pitch33.5mm ZM140PJ-83G Chain Guide P138	 pitch33.5mm ZM140A-83G Tabletop Chain P139	 pitch33.5mm Straight Conveyor Profile ZM145 P140	 pitch33.5mm Wear Strip W45-1 P140	 pitch33.5mm Connecting Strip Z-126-25 P140	 pitch33.5mm ZMEB140-83G P141
 ZMEB140-83GQB P142	 ZMEJ140-83G P143	 ZMEJ140-83GFT P144	 Horizontal Guide Roller Bend P145	 Standard Horizontal Bend ZM140 P146	 Vertical Bend ZM140 P148	

ZB175 Conveyor Chain

 pitch33.5mm ZB175A Tabletop Chain P151	 pitch33.5mm ZB175C Wedge Chain P151	 pitch33.5mm ZB175AR Side Flex Chain P152	 pitch33.5mm ZB175RF Side Flex Chain Guide P152	 pitch33.5mm ZB175F Chain Guide P153	 pitch33.5mm Straight Conveyor Profile ZB182 P153	 pitch33.5mm Wear Strip W45-1 P154
 with location screw P154	 ZBEB175 P155	 ZBEB175QB P156	 ZBEJ175 P157	 ZBEJ175FT P158	 Standard Horizontal Bend ZB175 P159	 Vertical Bend ZB175 P161

ZW295 Conveyor Chain

 pitch33.5mm ZW295A Tabletop Chain P164	 pitch33.5mm ZW295F Chain Guide P164	 pitch33.5mm ZW295AR Side Flex Chain P165	 pitch33.5mm ZW295RF Side Flex Chain P165	 pitch33.5mm Straight Conveyor Profile ZW300 P166	 pitch33.5mm Wear Strip W45-1 P166	 pitch33.5mm Connecting Strip Z-126-25 P166
 ZWEB295 P167	 ZWEB295QB P168	 ZWEJ295 P169	 ZWEJ295FT P170	 Standard Horizontal Bend ZW295 P171	 Vertical Bend ZW295 P173	

Gripper Flexible Lifting Conveyor

ZCLA660Width Adjustment Base P177	ZCLA950Width Adjustment Base P177	Steering box P178	Handwheel P178	Connecting shaft P178	ZCAL Support Base P178

Spiral Flexible Conveyor

Spiral Flexible Conveyor P180	Spiral Lifting Conveyor P181

Accumulation Flexible Conveyor

Single Tower P184	Double Tower P185

Inverter Flexible Conveyor

Inverter Flexible Conveyor P187	Twisting Conveyor Beam P187

Pallet Conveyor System

Pallet Conveyor System P189	Pallet Conveyor System P190

Aluminum profile conveyor

Aluminum profile Modular Belt P192	2400-1 P193	2400-1 P194	Conveyor Frame P194	Conveying Side Beam P195	Connecting Strip P195	Connecting Assembly P195
Guide Strip P196	Horizontal Fastening Kit P196	Horizontal Support Beam P196	ZD Drive Assembly -16T P197	ZD Drive Assembly -16T P198	Horizontal Bend P199	Vertical Bend 5° P201
Support Leg P202	Split Connecting Beam P202					

Stainless Steel Conveyor System

ZLEBX63 P204	ZMEBX83 P204	ZHEBX103 P204	ZLEJX63 P205	ZMEJX83 P205	ZHEJX103 P205	Conveyor Beam P206
Adjustable width base P207	Adjustable width base P208	Adjustable width base P208	Adjustable width base P208	Adjustable width base P209	Stainless Steel Tension Assembly P210	Mid-section under carriage device P211

Other Conveyor Chain Models

ZE50 Tobacco Chain P213	ZE50 Tooth Chain P213	ZE50 Tooth Chain Guide P214	ZE50-1 Tooth Chain P214	ZE63-P30 Tooth Chain P215	ZE63-P30-2 Tooth Chain with block P215	ZE63 Round Tooth Chain P216
ZE70 Round Tooth Chain P216	ZE70D Elastic Pin Tooth Chain P217	ZE128 Tooth Chain P217	ZE128D Chain Guide P218	ZE123 Tooth Chain P218	ZE123RS Gripper Chain P219	ZE123D Chain Guide P219
ZE83R Tooth Chain P220	ZE83RS Gripper Chain P220					

Guide Rail Component

Adjustable width base PJ0011-A P222	Adjustable width base PJ0011 P222	Adjustable width base PJ0012 P222	Adjustable width base PJ0013 P223	Adjustable width base PJ0014 P223	Adjustable width base PJ0015 P223	Adjustable width base PJ1015 P224
Adjustable width base PJ1015-A P224	Sheet Metal Bracket PJ0220 P225	Sheet Metal Bracket PJ0221 P225	Sheet Metal Bracket PJ0222 P225	Sheet Metal Bracket PJ0223 P226	Sheet Metal Bracket PJ0806 P226	Sheet Metal Bracket PJ0807 P226

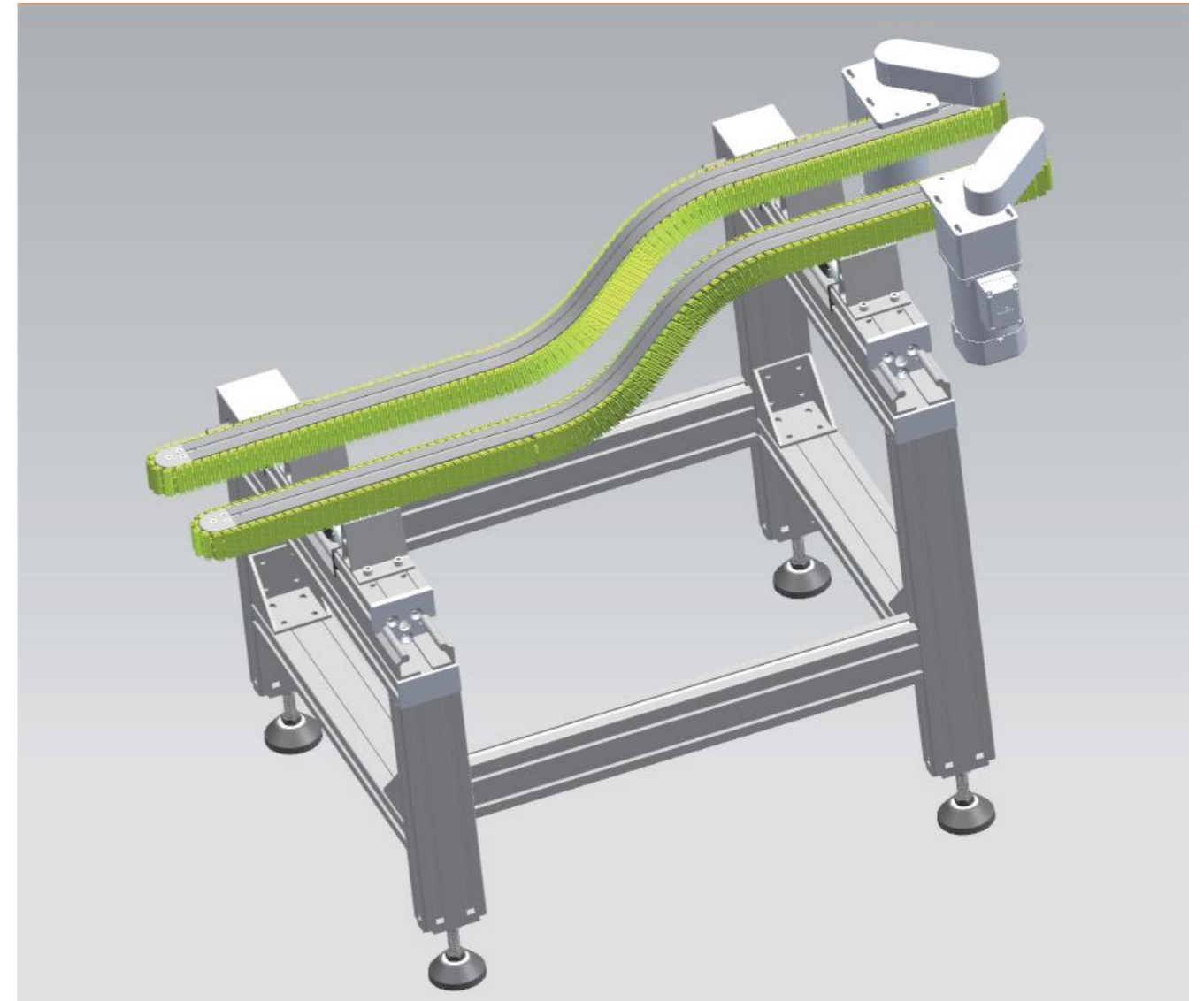
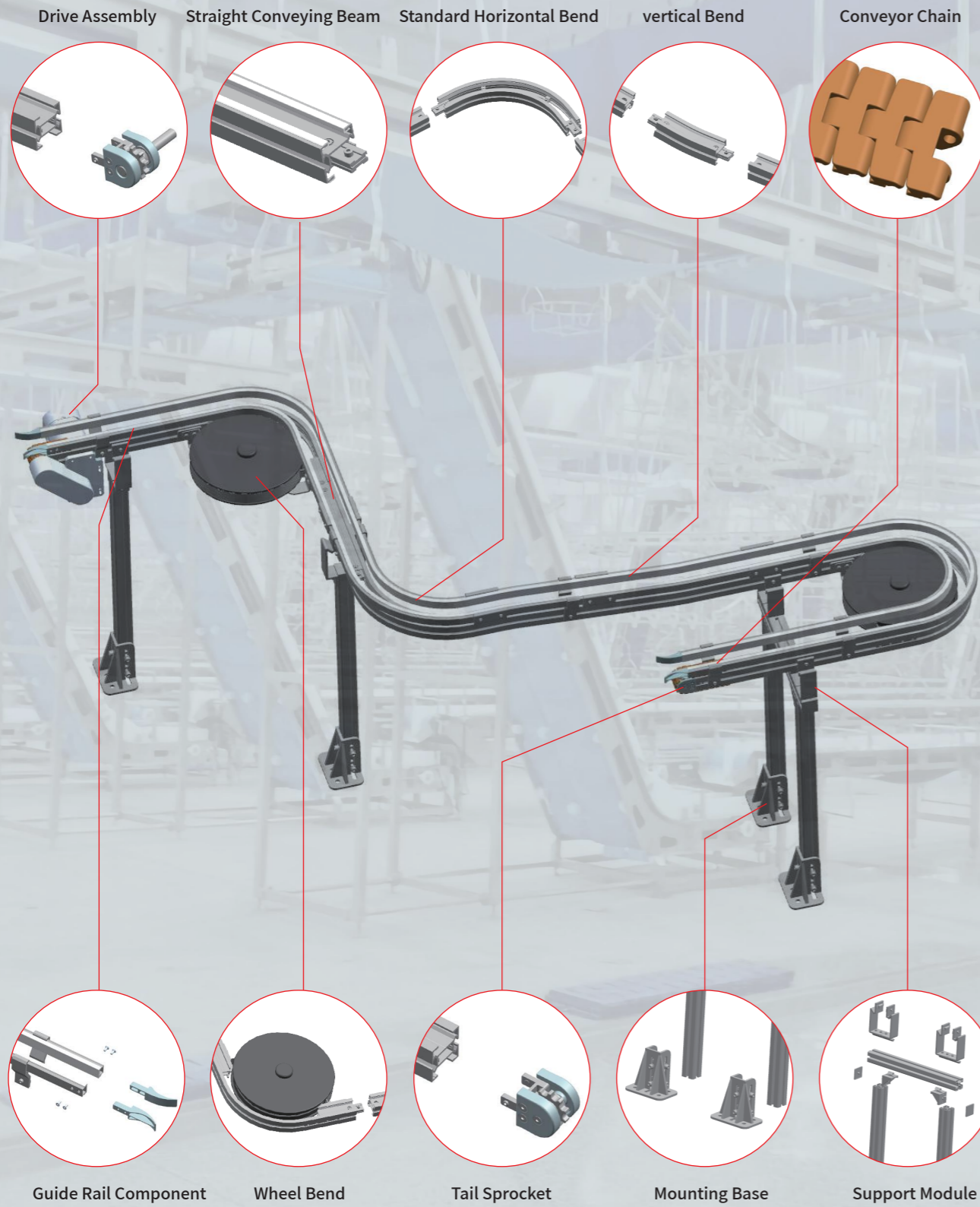
Sheet Metal Bracket PJ0808 P227	Sheet Metal Bracket PJ0809 P227	20 Flat Pipe Cap P228	18 Round Pipe Cap P228	Connector P228	Guard Rail Clamp P228	Big Cross Clamp P228
Small Aluminum Guard Rail PJ0045 P229	Small Aluminum Guard Rail PJ0045-1 P229	Small Aluminum Guard Rail PJ0045-L P229	12 Round Guide Rail P230	Guard Rail Frame P230	End Plug P230	23 Protection Kit P230
Round Cap Guide Rail Guard P230	35 Protection Kit P230	20 Rectangular Pipe P230	18 Round Pipe P230	Female Threaded Fitting PJ0084 P231	Female Threaded Fitting+Hanger Assembly PJ0084A P231	Cross Support Clamp PJ0017-1 P231
Cross Support Clamp PJ0017-3 P232	90Degree pipe clamp XLR18C PJ0019-1 P232	90Degree pipe clamp XLR18C XLR18C P232	Square Single Rail Clamp PJ0020 P233	Square Single Rail Clamp PJ0021-1 P233	Round Double Rail Clamp PJ0021-2 P233	Sheet Metal Bracket PJ0022-1 P234
Square Double Rail Clamp PJ0022-2 P234	Cross Joint PJ0034 P234	Tee Joint PJ0034-C P235	Tee Joint PJ0034-S P235	Single Row Guide Rail Assembly PJ0212-1 P235	Single Row Guide Rail Assembly PJ0207 P236	Ball Table PJ0041 P236
PJ0207F Ball Guard P237	PJ0207 Frame P237	Horizontal Adjustable Guard Rail Clamp P238	Vertical Adjustable Guard Rail Clamp P238	Vertical Adjustment Bar P238	Guard Rail Support Base P239	Spacer18 P239
Spacer6 P239	Guard Rail Joints Guard Rail Joints P240	Adjustable Guard Rail Bracket Assembly P241	Adjustable Guard Rail Bracket Assembly P241	Guard Rail Joint P242	C-type Guard Rail Connecting Block PJ0044-L P244	Sheet Metal Bracket P244
Flange P244	2-in 1 double layer guide rail P246	1-to 2 double layer guide rail P246	Lifting Structure Sample P248			

Support Module

U-shaped Support Bracket PJ0001 P249	Braced L-shaped 120° PJ0002 P249	Braced L-shaped 180° PJ0002-B P250	Tripod Support PJ0003 P250	Combined Metal Tee PJ0687 P251	Metal Side Lock Assembly PJ0688 P251	Sheet Metal Bracket PJ0007-D60 P252
Sheet Metal Bracket PJ0007-D80 P252	Sheet Metal Bracket PJ0007-D100 P252	Sheet Metal Bracket PJ0007-D125 P252	60*60 Support Beam P253	30*60 Support Beam P253	40*40 Support Beam P253	40*80 Support Beam P253
64*64 Support Beam P253	80*80 Support Beam P253	64 End Cover P253	80 End Cover P253	End Cover P254	Front Connecting Plate P254	40 Mounting Base P255
64 Mounting Base P255	80 Mounting Base P255	64 Plastic Mounting Base P256	80 Plastic Mounting Base P256	80 Plastic Mounting Base A45-40 P257	A45-40 Cross Support Frame P257	A65-64 Cross Support Frame P257
AL105/85-80 Cross Support Frame P257	B45-40 Vertical Support Frame P258	A65-64 Vertical Support Frame P258	B85-80 Vertical Support Frame P258	B105-80 Vertical Support Frame P259	B142 Vertical Support Frame P259	40-40 Corner Bracket P260

Fastene

60-60 Corner Bracket P260	80-80 Corner Bracket P260	T-type Bolt P261	Nylon Cover Nut P261	Square Nut P261	Round Head Allen Bolt P261
Square Shim P261	Countersunk-/Countersunk P262	Cup Head Allen Bolt P262	Hex Bolt P263	Nylon Cross Flat Head P263	Hex Nut P264
Stainless Steel Spring Shim P264	Steel Ball Elastic Nut P265	Slide Nut P265	Corner Slot Connectors P266	Flexible chain disassembly gun P266	



Feature:

ZU43 is a very compact conveying system, designed for handling small and light product.

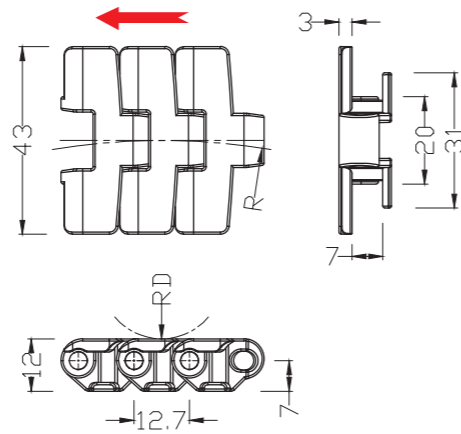
Application:

All types of small-sized products with a diameter less than 10mm can be directly conveyed on the conveyor. Typical products include medicine bottles, perfume bottles, and small-sized products/packaging with a width less than 100mm. Handling products such as blood and urine test tubes, small bottles of cosmetics, and electrical components like batteries.

Technical Parameters

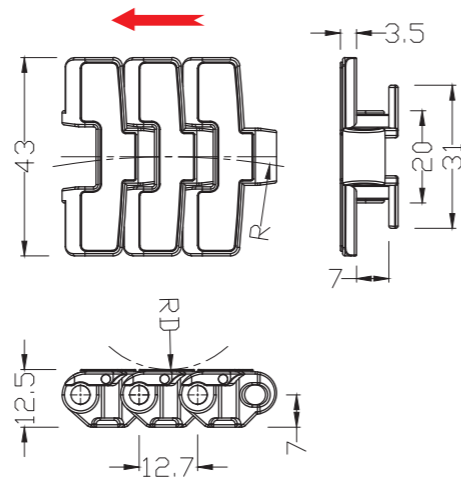
Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
43mm	12.7mm	10Teeth	200N	6m	30KG	5-20m/min

Tabletop Chain:ZU43



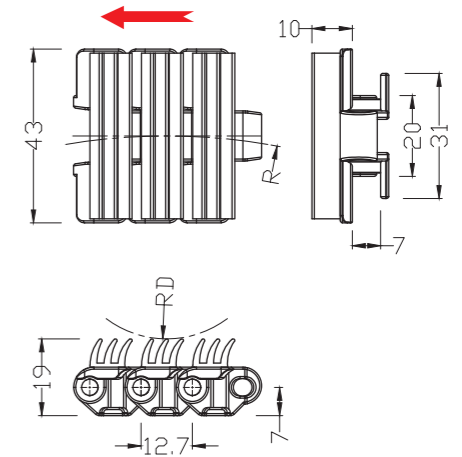
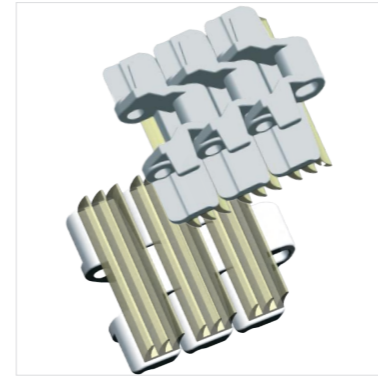
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21℃)
ZU43	43	0.42	R145	POM	850
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Based on the friction coefficient between the product and the chain, the maximum lifting angle of the flat chain can reach 5 degrees.	
12.7	3	SUS	RD14		

Chain Guide ZU43F



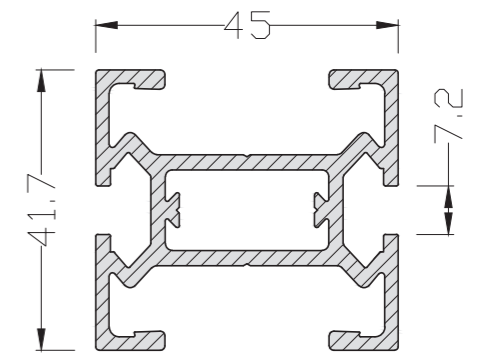
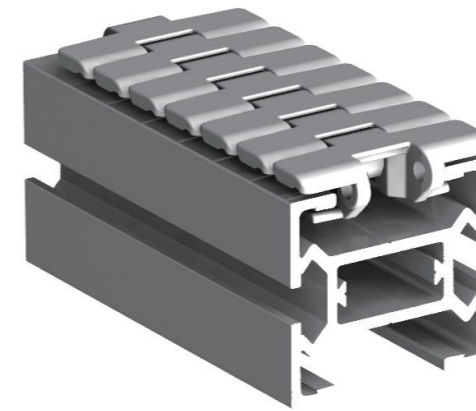
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21℃)
ZU43F	43	0.43	R145	POM+TPU	850
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Based on the friction coefficient between the product and the chain, the maximum lifting angle of the flat chain can reach 15degrees.	
12.7	3	SUS	RD19		

Gripper Chian: ZU43JP



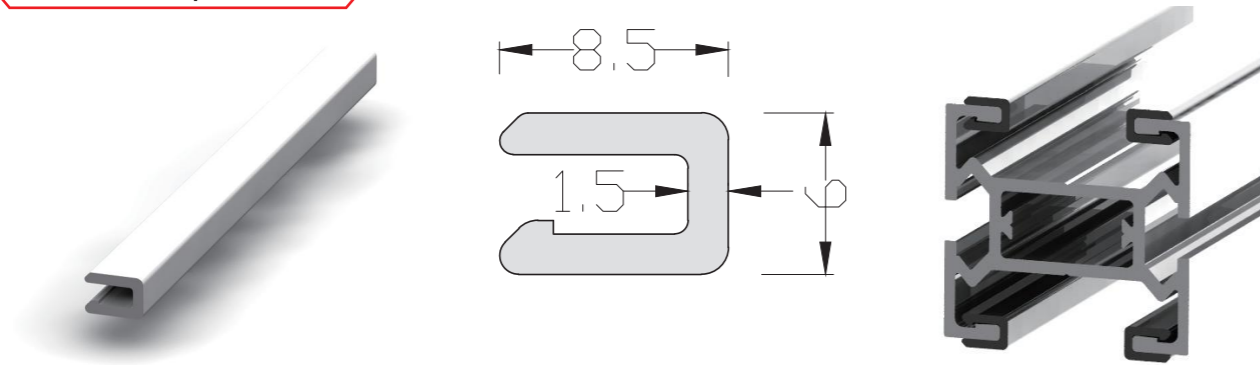
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21℃)
ZU43JP	43	0.56	R145	POM+TPU	850
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	The bottle clamp chain is used for 90-degree vertical lifting of products or for linear horizontal transportation. Single package should not over 500g.	
12.7	3	SUS	RD25		

traight Conveying Beam:ZU45



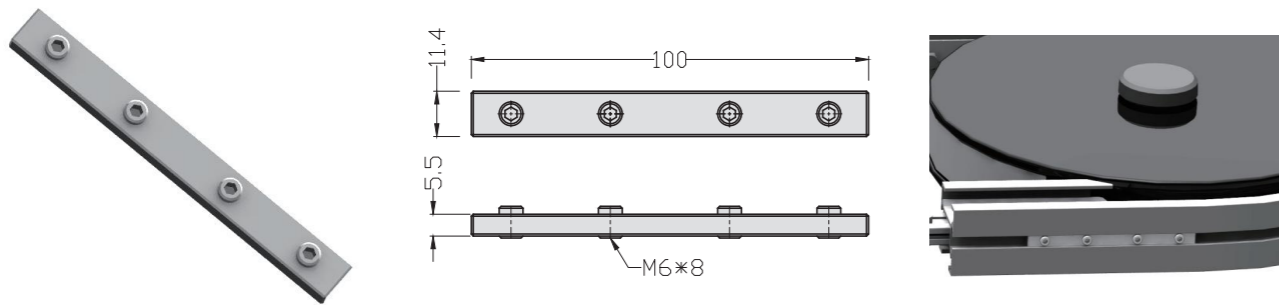
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZU45	Silver	6063	Sandblasted oxidation	ZU43 Series	3m/6m	1.35KG/M

Wear Strip W46-1

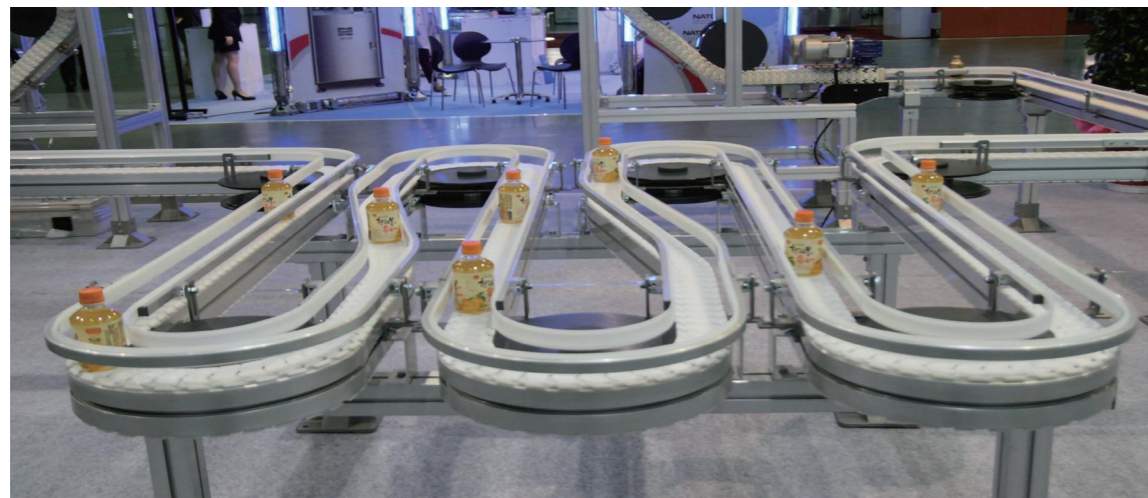


Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W46-1	White	UPE-700W	ZU45/ZS45	50m/roll	0.03KG/M

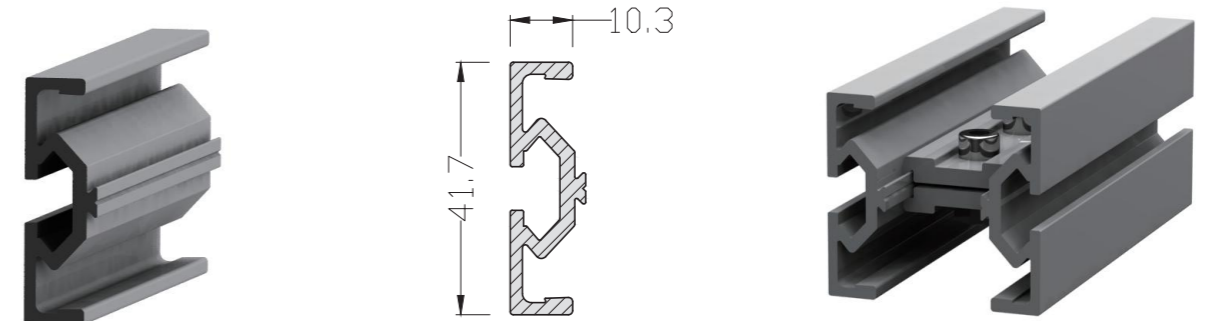
Guide Roller Bend Connecting Strip Z-100-11



Code	Color	Material	Optional	Adaptive Conveyor Beam	Reference Weight
Z-100-11	White	Color	Material	SPEC	Reference Weight
				ZU45	0.05KG/M

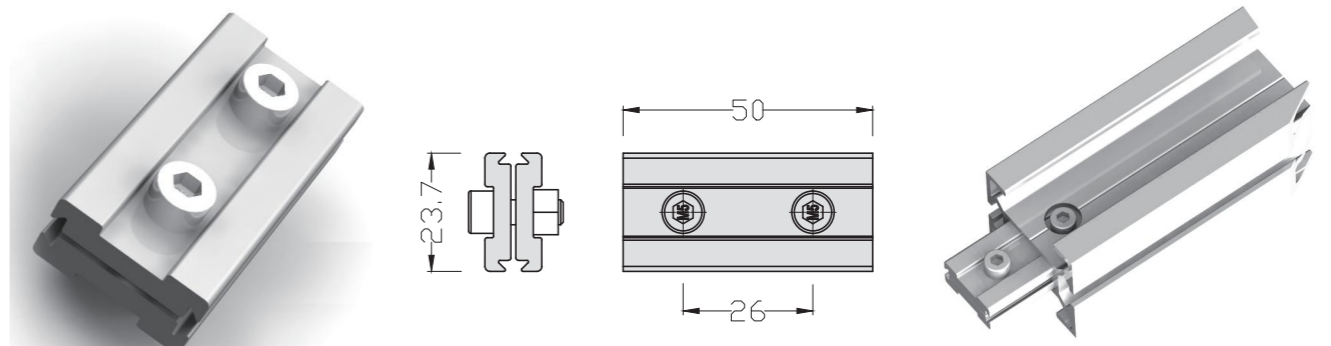


Horizontal Half Beam ZUB45



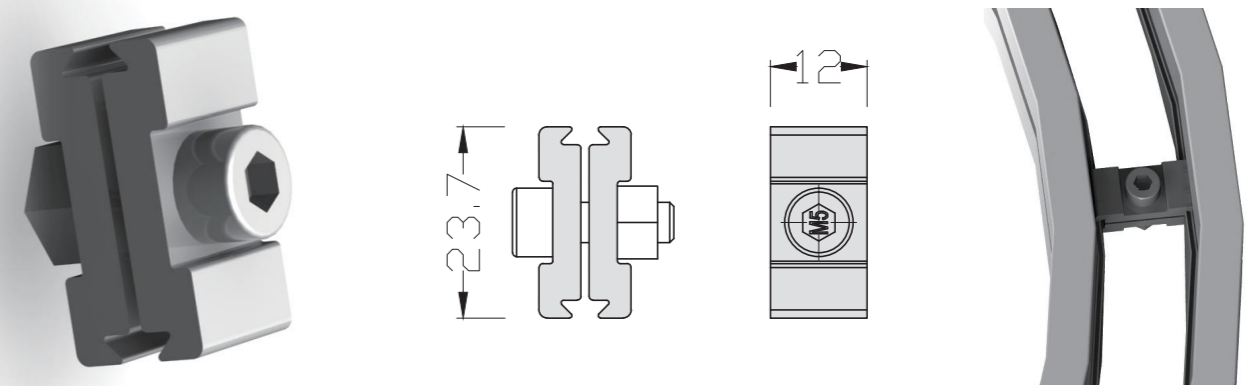
Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZUB45	Silver	6063	Sandblasted oxidation	3米/6米	0.50KG/M

Connector ZUJ50



Code	Color	Material	Surface Treatment	Fastener	Reference Weight
ZUJ50	Silver	6063	Sandblasted oxidation	Stainless Steel	38g

Clamp ZUJ12



Code	Color	Material	Surface Treatment	Fastener	Reference Weight
ZUJ12	Silver	6063	Sandblasted oxidation	Stainless Steel	12g

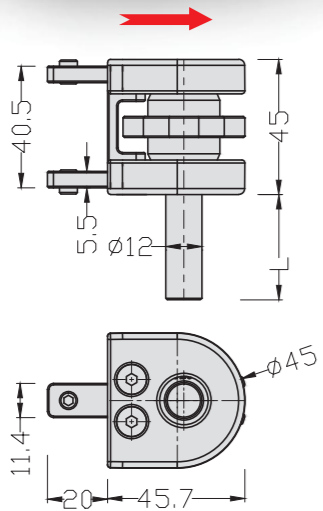
※ Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

Technical Parameters

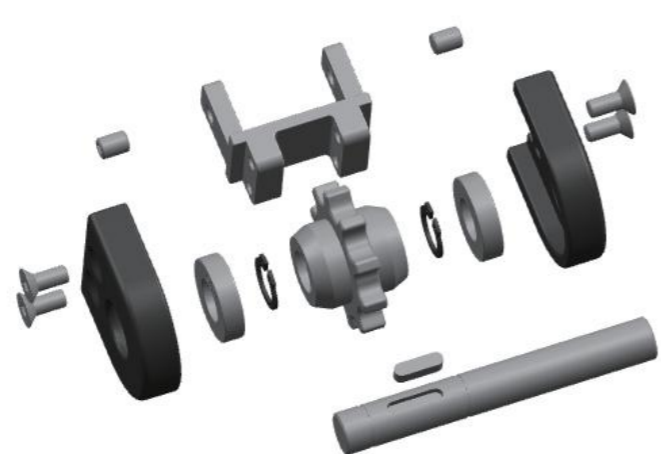
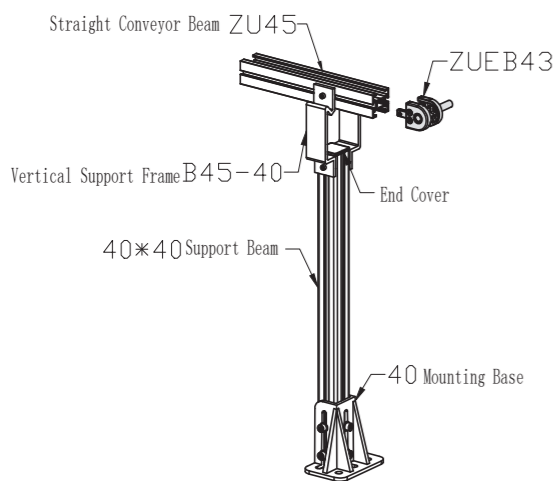
Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
43mm	12.7	10Teeth	200N	6M	30KG	5-20m/min

Enclose end drive assembly ZUEB43

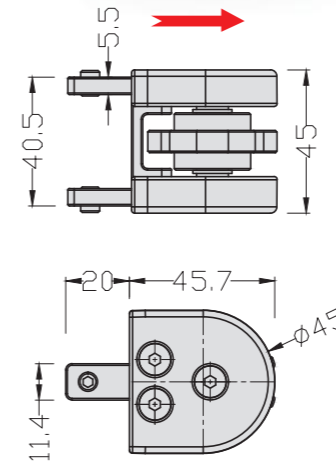
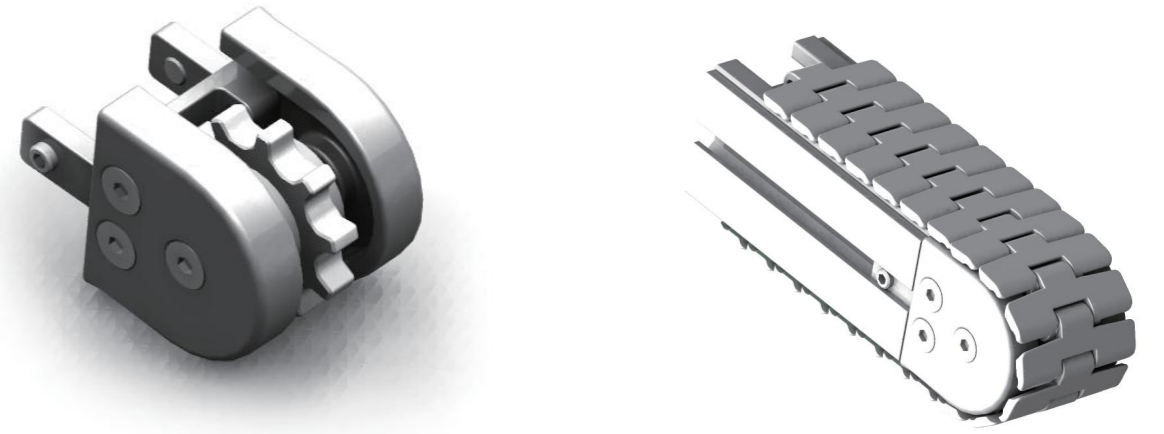


Picture shows shaft output from right (motor locates right), motor put in left can be optional.
 Actual path:110mm
 Match sprocket teeth:10 teeth
 Shaft length and diameter can be optional, which should match with deceleration motor model.
 kN is 200N, linear speed is 5-20m/min.

Material/Color					Reference Weight
Main Machine	Shaft	Sprocket	Bearing Material can be optional	Fastener	KG
6061 Spray-painted gray	Stainless Steel	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	0.2

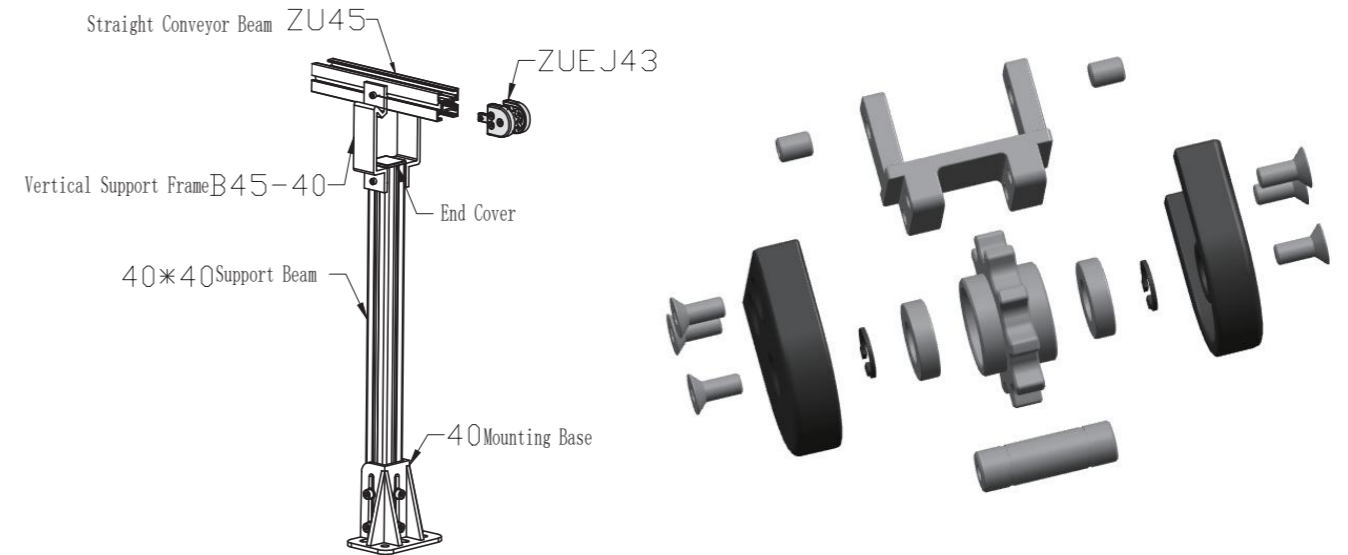


Tail Sprocket ZUEJ43



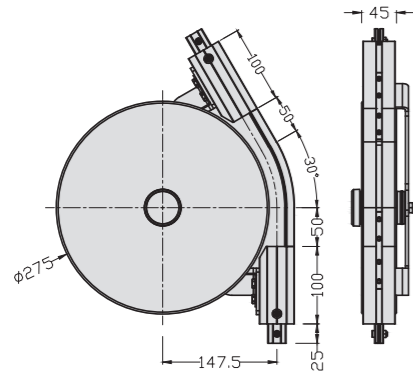
Actual path:110mm
 Match sprocket teeth:10 teeth
 The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.

Material/Color					Reference Weight
Main Machine	Shaft	Sprocket	Bearing Material can be optional	Fastener	KG
6061 Spray-painted gray	Stainless Steel	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	0.15



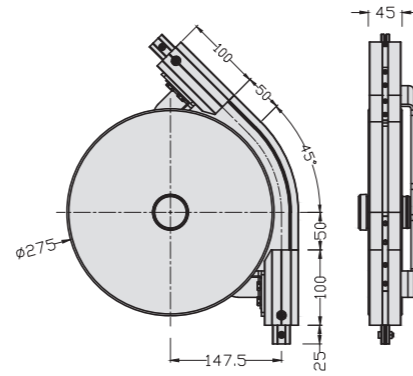
The horizontal guide roller bend can change the direction of the conveying device horizontally while minimizing friction. The bend is designed to extend the lifespan and minimize friction. Each roller is supported by two sealed ball bearings. On certain conveying sections of the products, the use of 90° bend fittings is prohibited. In such cases, the change of direction can be achieved using two 45° or three 30° bend fittings.

ZUBH30R147.5



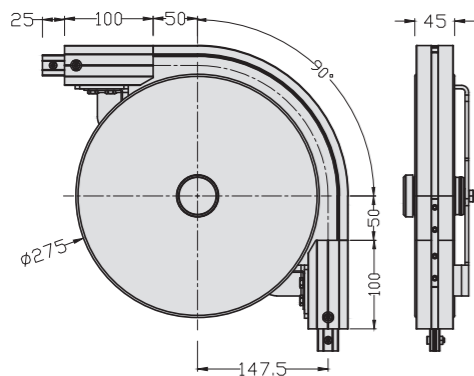
Actual path length: single rail 378mm (Double Rail 756mm)

ZUBH45R147.5



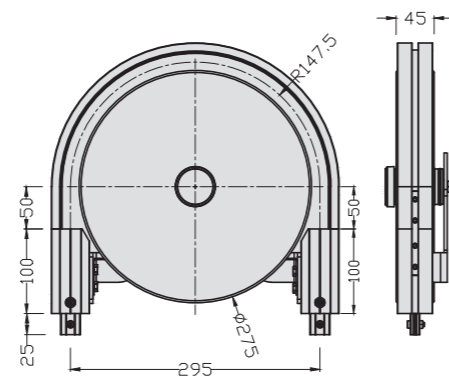
Actual path length: single rail 418mm (Double Rail 836mm)

ZUBH90R147.5



Actual path length: single rail 532mm (Double Rail 1064mm)

ZUBH180R147.5

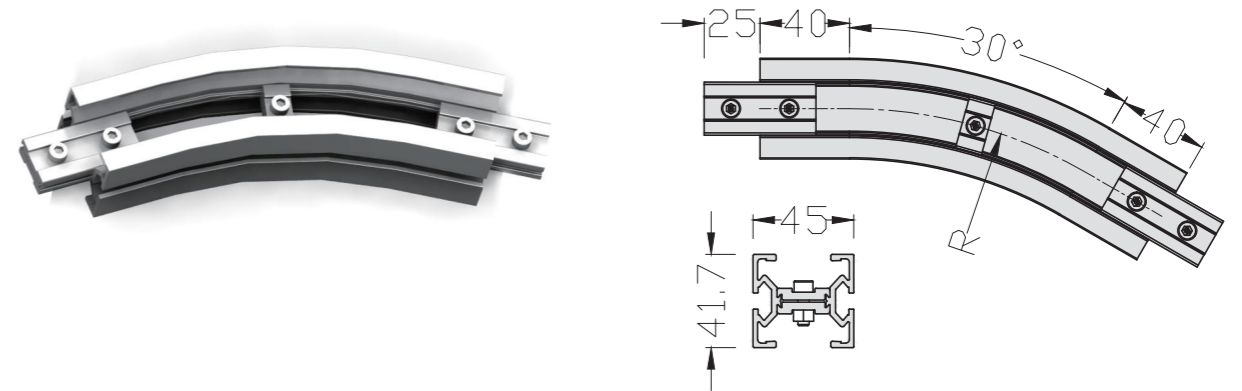


Actual path length: single rail 763mm (Double Rail 1526mm)

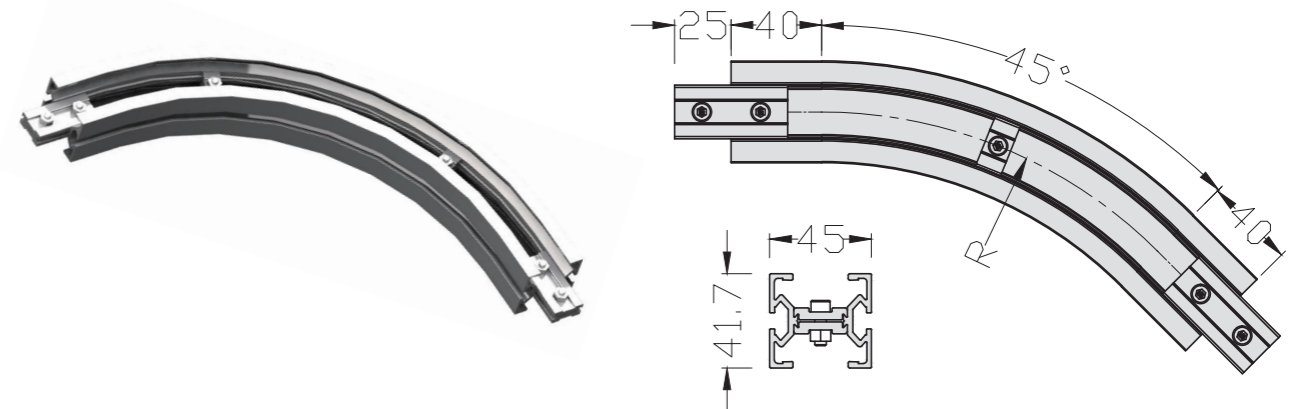
Material/Color					Reference Weight
Curve Rail	Bracket	Disk	Bearing Material can be optional	Fastener	KG
6063 Silver	Stainless Steel	PA6+GF Black/Gray	Bearing Steel Stainless Steel	Stainless Steel	3.1



Standard Horizontal Bend ZU43



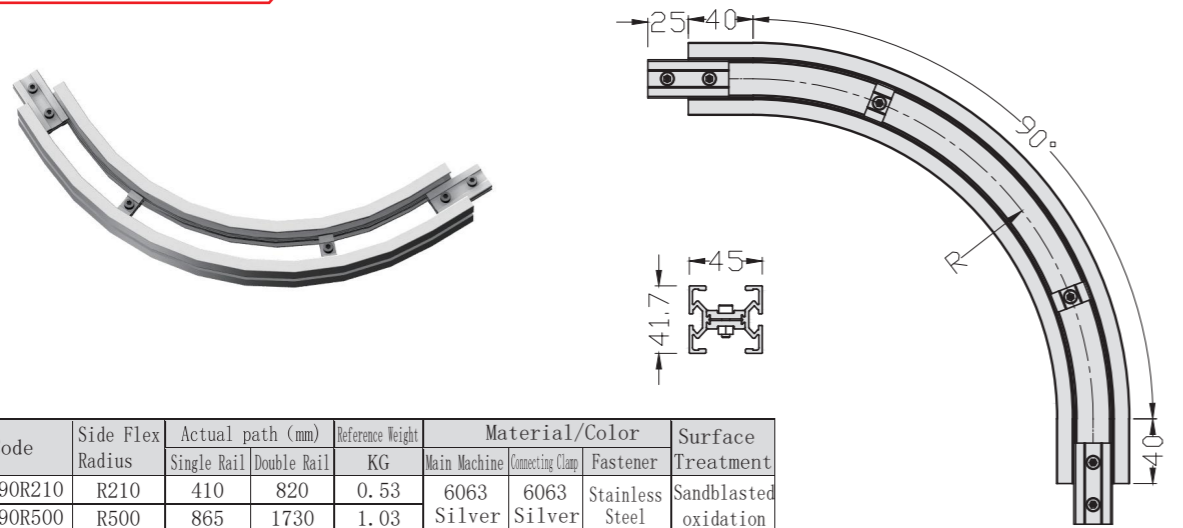
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBP30R210	R210	190	380	0.3	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation
ZUBP30R500	R500	340	680	0.5	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation



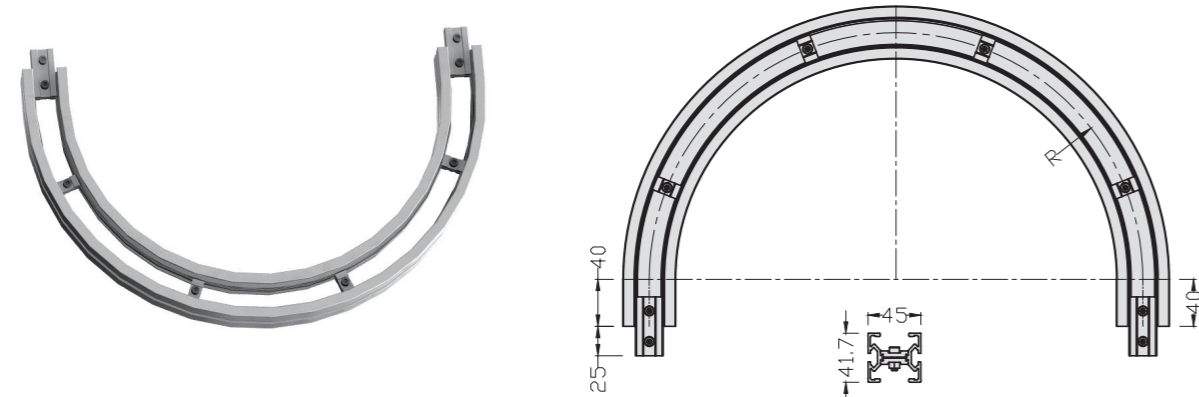
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBP45R210	R210	245	490	0.35	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation
ZUBP45R500	R500	470	940	0.60	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation



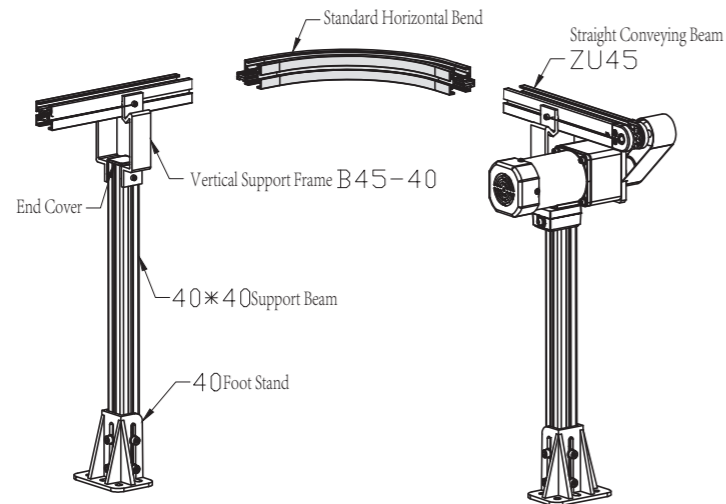
Standard Horizontal Bend ZU44



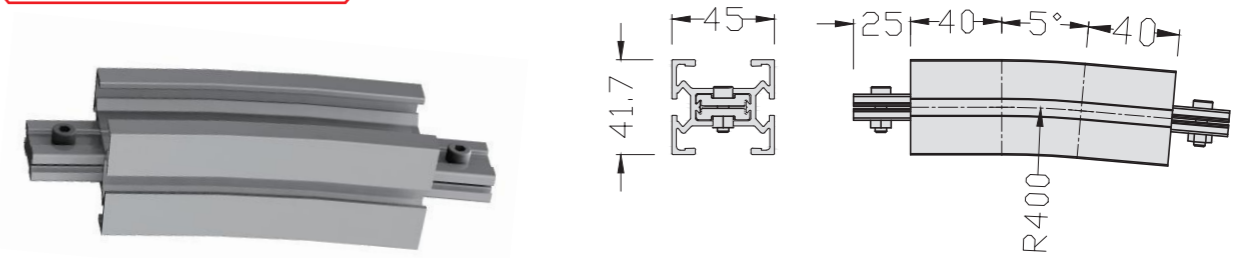
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBP90R210	R210	410	820	0.53	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation
ZUBP90R500	R500	865	1730	1.03	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation



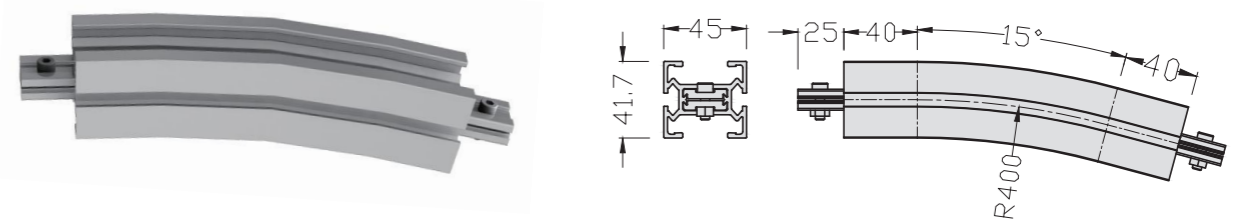
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBP180R210	R210	740	1480	0.91	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation
ZUBP180R500	R500	1650	3300	1.90	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation



Vertical Bend ZU43

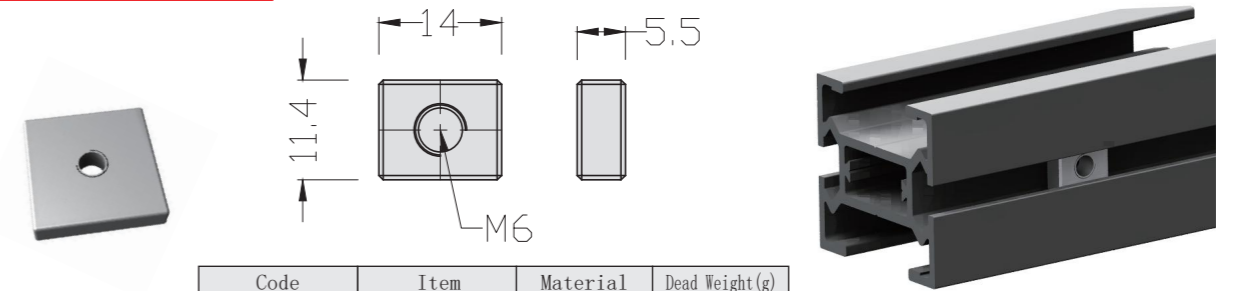


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBV5R400	R400	115	230	0.23	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation



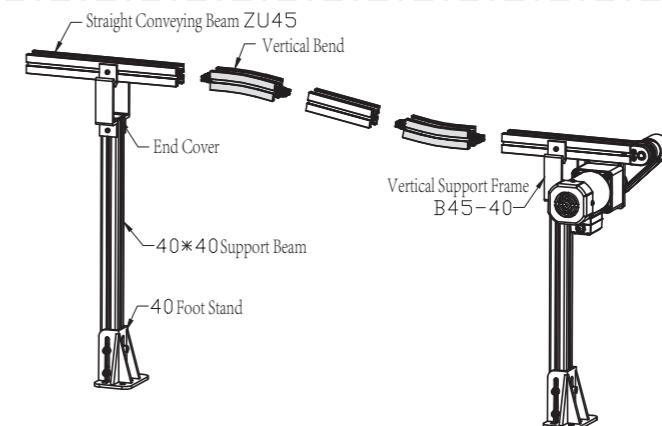
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Clamp	Fastener	
ZUBV15R400	R400	185	370	0.32	6063 Silver	6063 Silver	Stainless Steel	Sandblasted oxidation

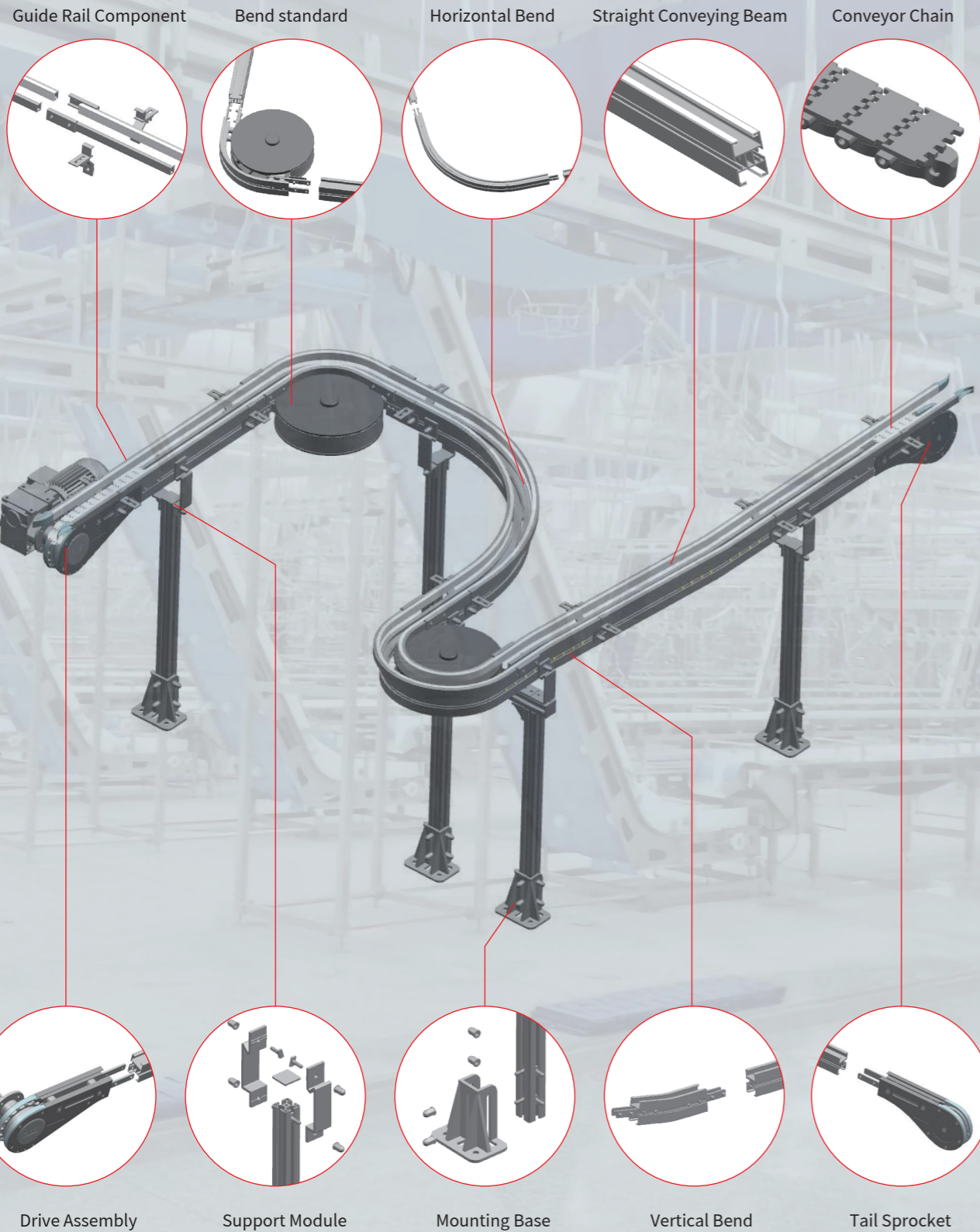
Square Nut



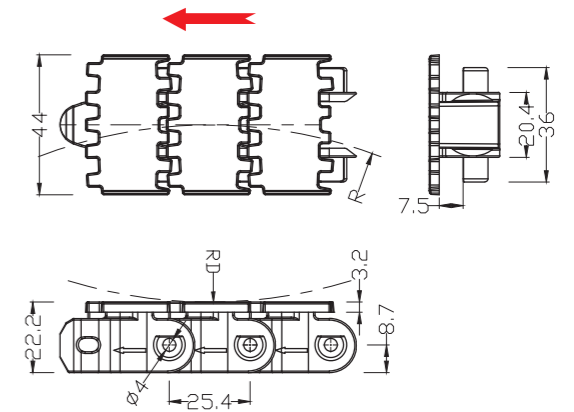
Code	Item	Material	Dead Weight (g)
PJ0044-U	Square Nut	Galvanized Carbon Steel	5.8

The square nut is embedded part for guard rail



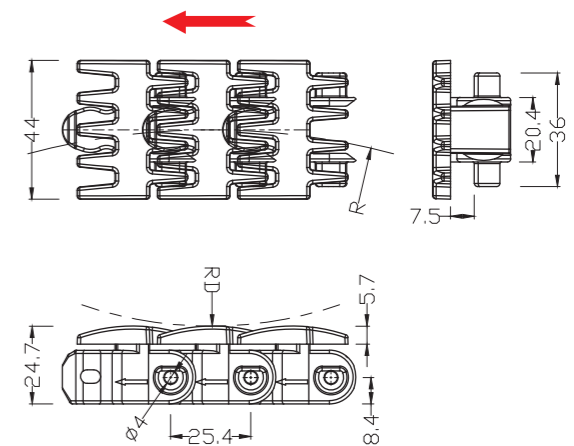


ZS44A Tabletop Chain



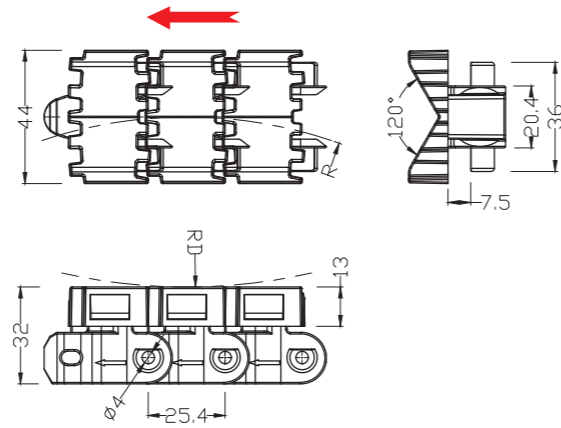
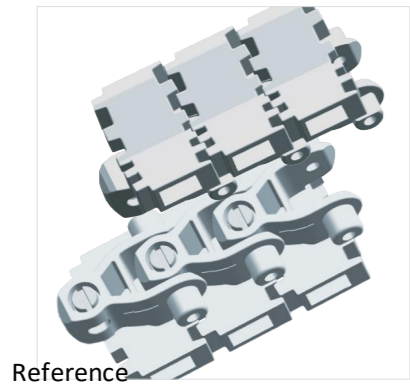
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N (21°C)
ZS44A	44	0.6	R150	POM	2100
Pitch (mm)	Pin diameter	Pin Material	Back Flex Radius (min)mm	The conveying chain is suitable for transporting smaller items. Small ball bearings, perfume bottles, medicine bottles and sintered metal components.	
25.4	4	SUS	RD150		

ZS44B Tobacco Chain



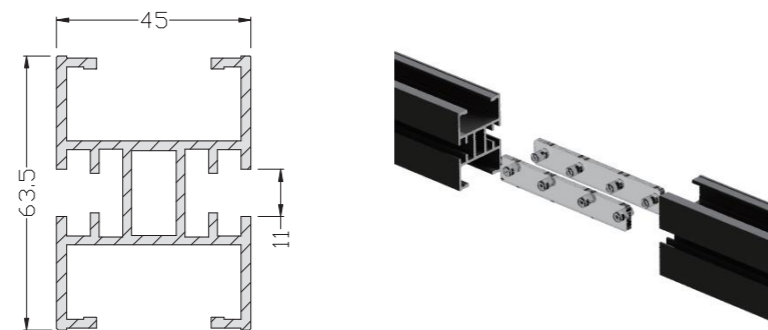
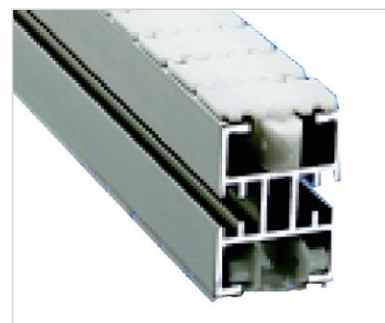
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N (21°C)
ZS44B	44	0.75	R225	POM	2100
Pitch (mm)	Pin diameter (mm)	Pin Material	Back Flex Radius (min)mm	The special arched conveying surface is more practical. A low friction coefficient, suitable for the tobacco manufacturing industry.	
25.4	4	SUS	RD127		

ZS44C V-type Chain



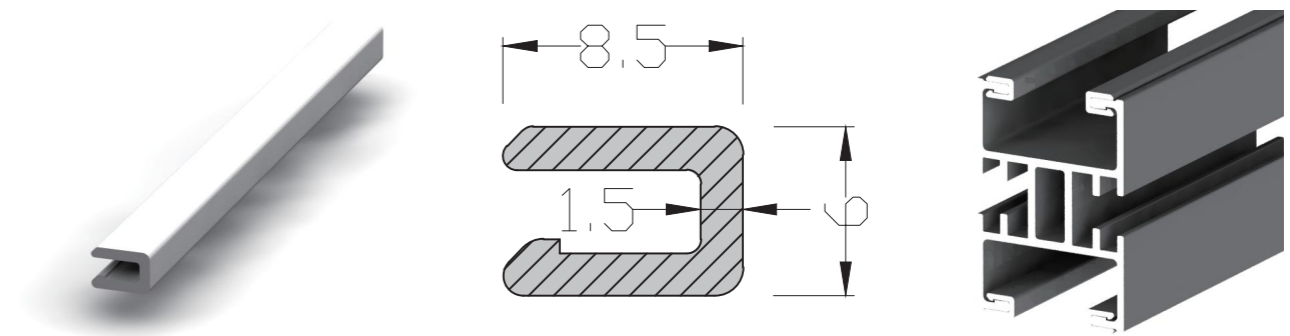
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N (21°C)
ZS44C	44	0.86	R150	POM	2100
Pitch (mm)	Pin diameter (mm)	Pin Material	Back Flex Radius (min) mm	The special V-shaped loading block is designed to prevent side sliding and falling. Can ensure the centered positioning of the transported objects and be effective.	
25.4	4	SUS	RD185		

Straight Conveyor Profile ZS44



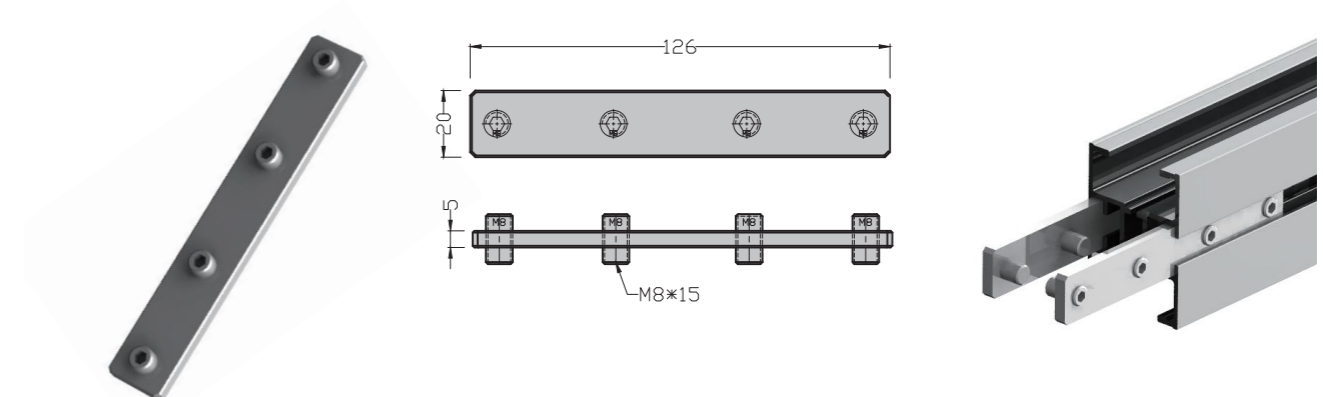
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZS45	Silver	6063	Sandblasted oxidation	ZS44 Series	3m/6m	1.65KG/M

Wear Strip W46-1



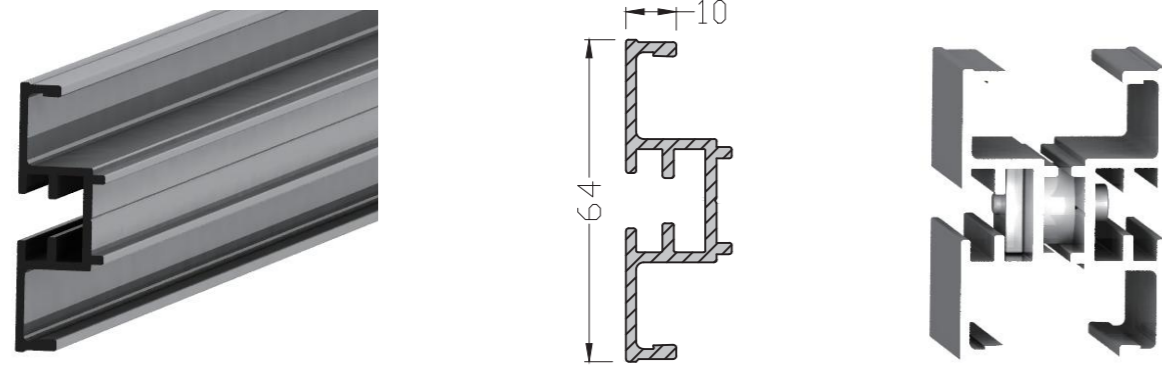
Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W46-1	White	UPE-700W	ZU45/ZS45	50m/roll	0.03KG/M

Connecting strip Z-126-20



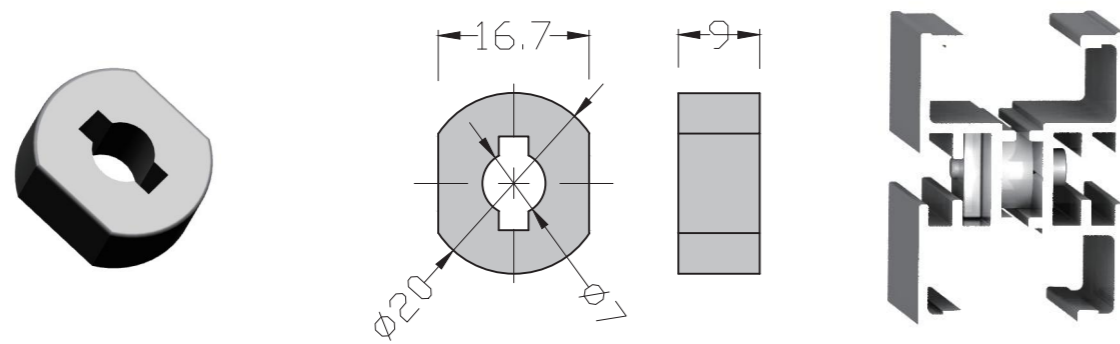
Code	Color	Material Option	Adaptive Conveyor Beam	SPEC	Reference Weight
Z-126-20	White	Galvanized Carbon Steel Stainless Steel	ZS45	0.12KG/M including 4 setscrew	ZS45/ZK145

Horizontal Half Beam:ZSB45



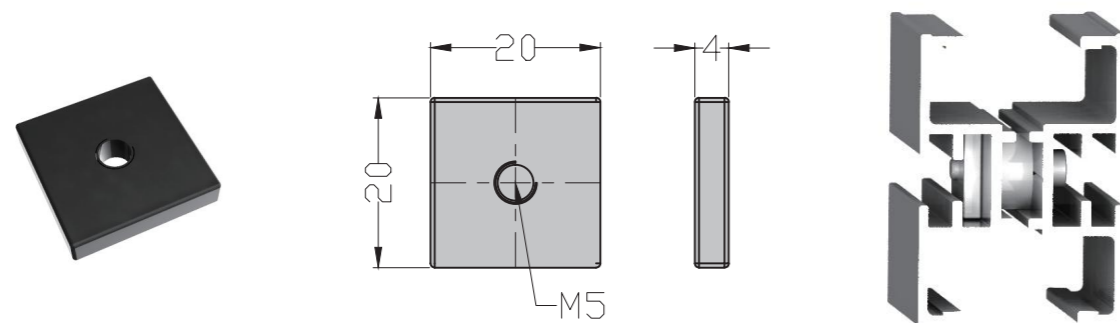
Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZSB45	Silver	6063	Sandblasted oxidation	3m/6m	0.80KG/M

Connecting Post:L-20-9



Code	Color	Material	Surface Treatment	Reference Weight
L-20-9	Silver	6063	Sandblasted oxidation	6g

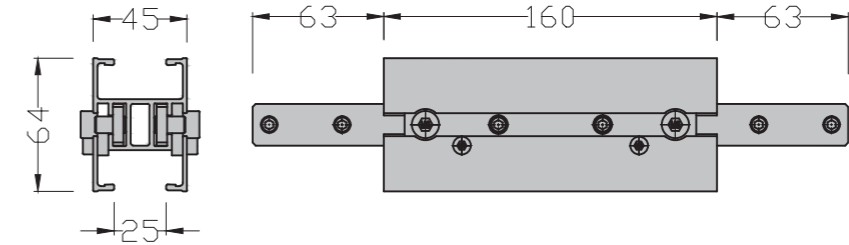
Square Nut



Code	Color	Material optional	Reference Weight
M5-20-4	White	Galvanized Carbon Steel Stainless Steel	12g

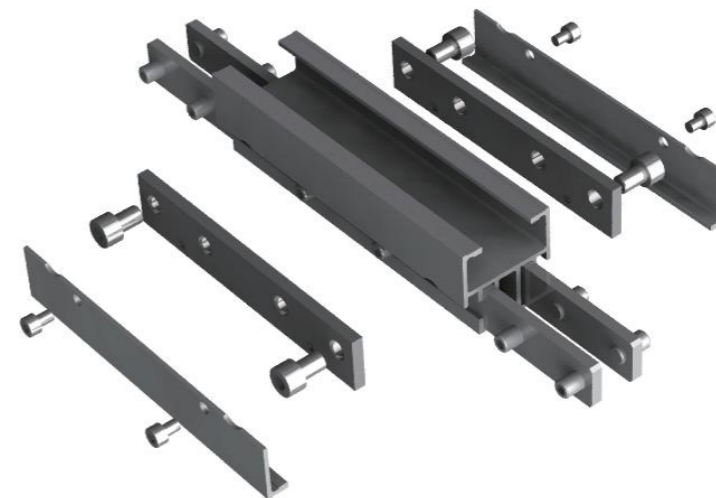
※ Main application:after being bent horizontally, the half beam and connecting rectangular pipe should match with standard horizontal bend.

ZSCC160



Main Machine	Material/Color		Fastener	Reference Weight KG
	Strip material optional			
6063	Silver	Galvanized Carbon Steel Stainless Steel	Stainless Steel	1.02

Suitable for installing and dismantling the conveying chain on the conveying rail section.
It needs to be placed at the connection point of the conveyor profiles.
The ZSEB44-9T end drive unit and tail pulley unit feature a fully enclosed structure and must be equipped with a split connecting beam.
Both sides are open for dismantling.



The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard.

Technical Parameters

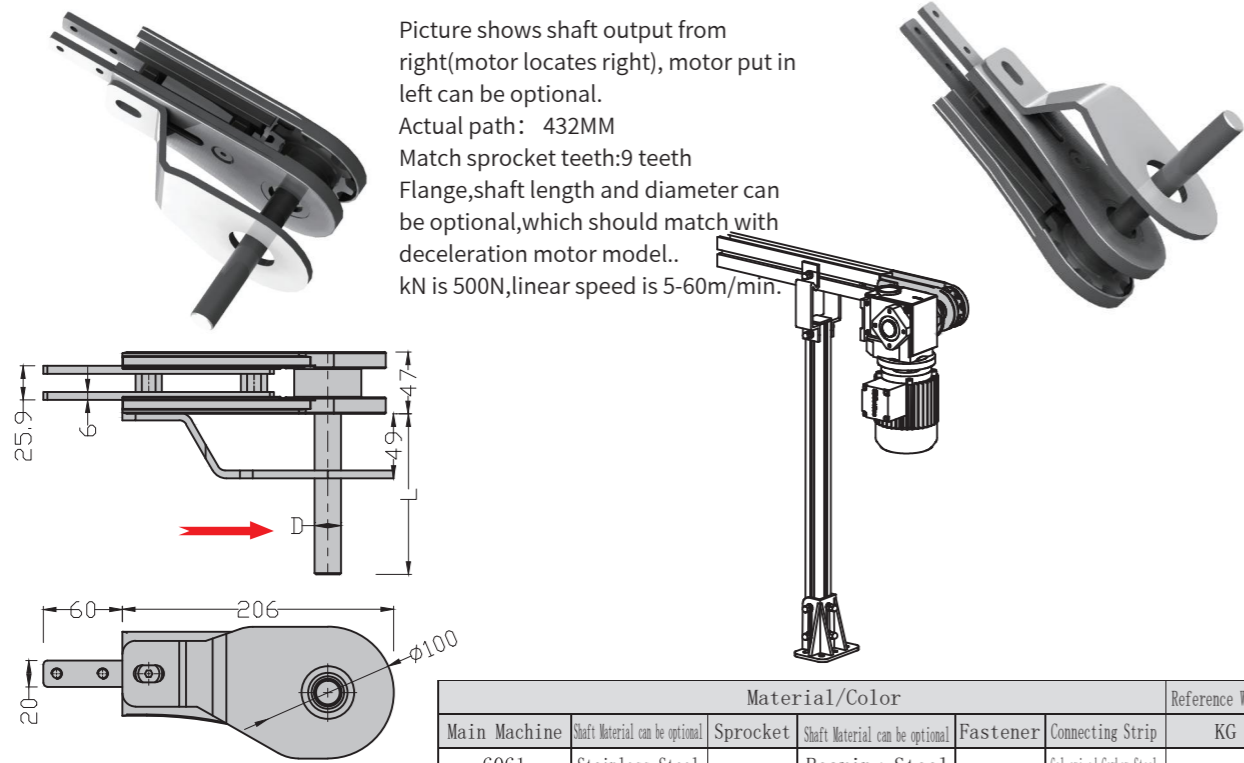
Chain Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
44mm	25.4mm	9tooth-16tooth	500N	15米	150KG	5-60m/min

ZSEB44-9T

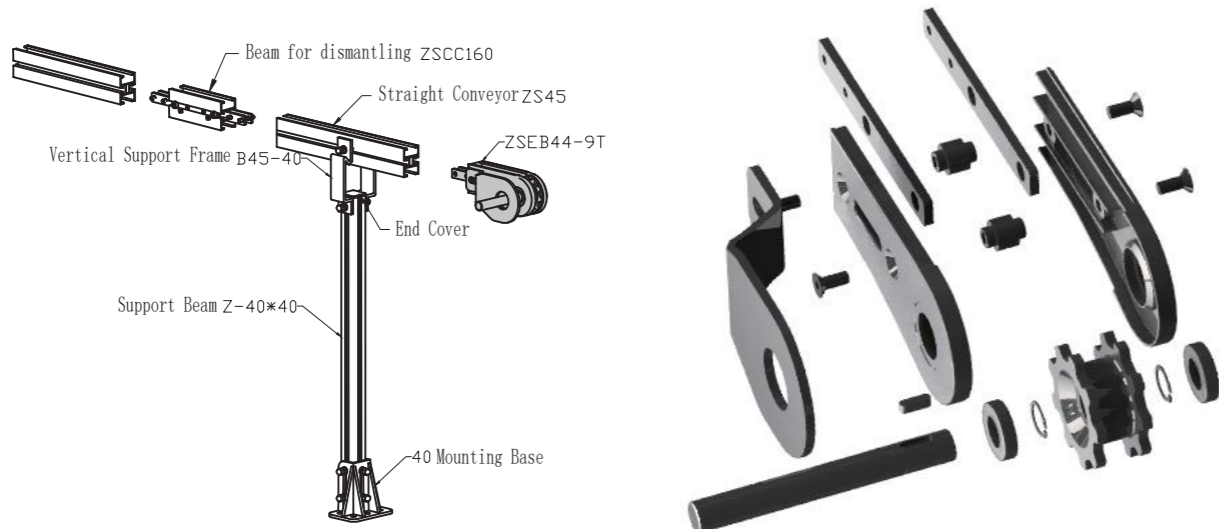
Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

Picture shows shaft output from right(motor locates right), motor put in left can be optional.
Actual path: 432MM
Match sprocket teeth:9 teeth
Flange,shaft length and diameter can be optional,which should match with deceleration motor model..
kN is 500N,linear speed is 5-60m/min.



Material/Color							Reference Weight
Main Machine	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip		KG
6061	Stainless Steel	Nylon White	Bearing Steel	Stainless Steel	Galvanized Carbon Steel		1.95
Spray-painted gray	Chromium-plated Steel		Stainless Steel		Stainless Steel		

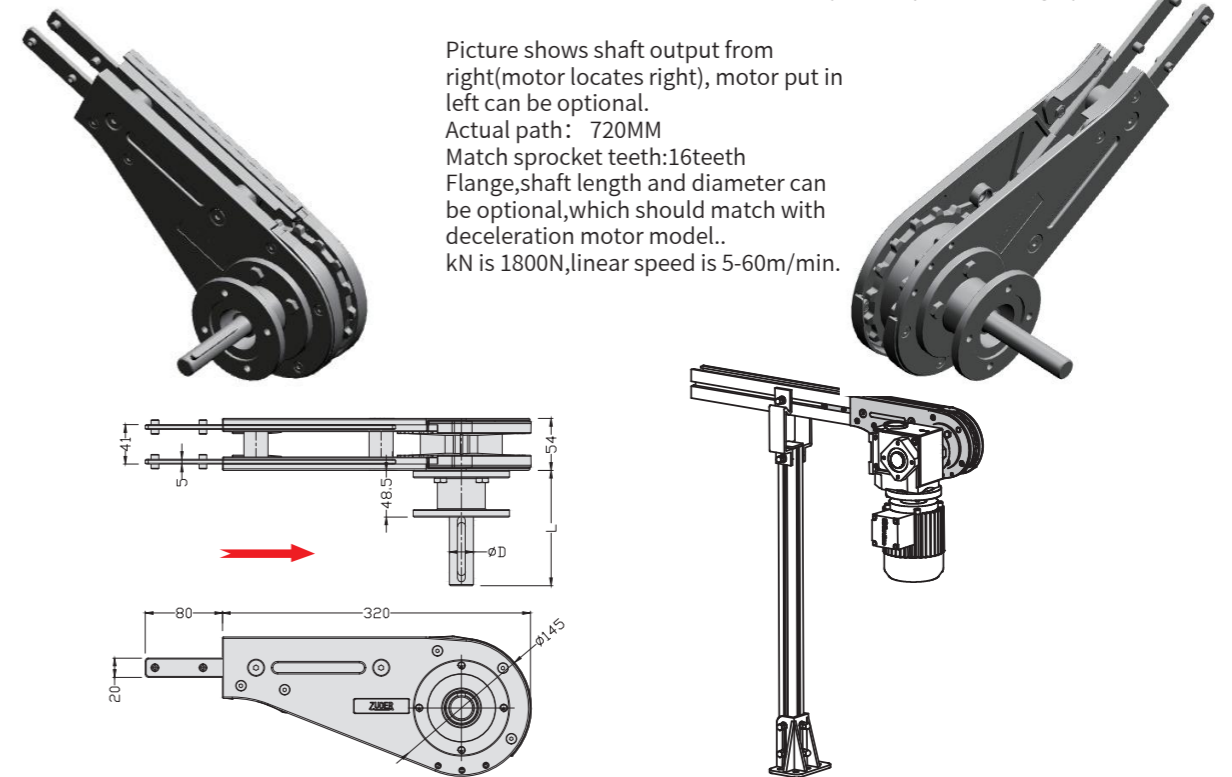


ZSEB44-16T

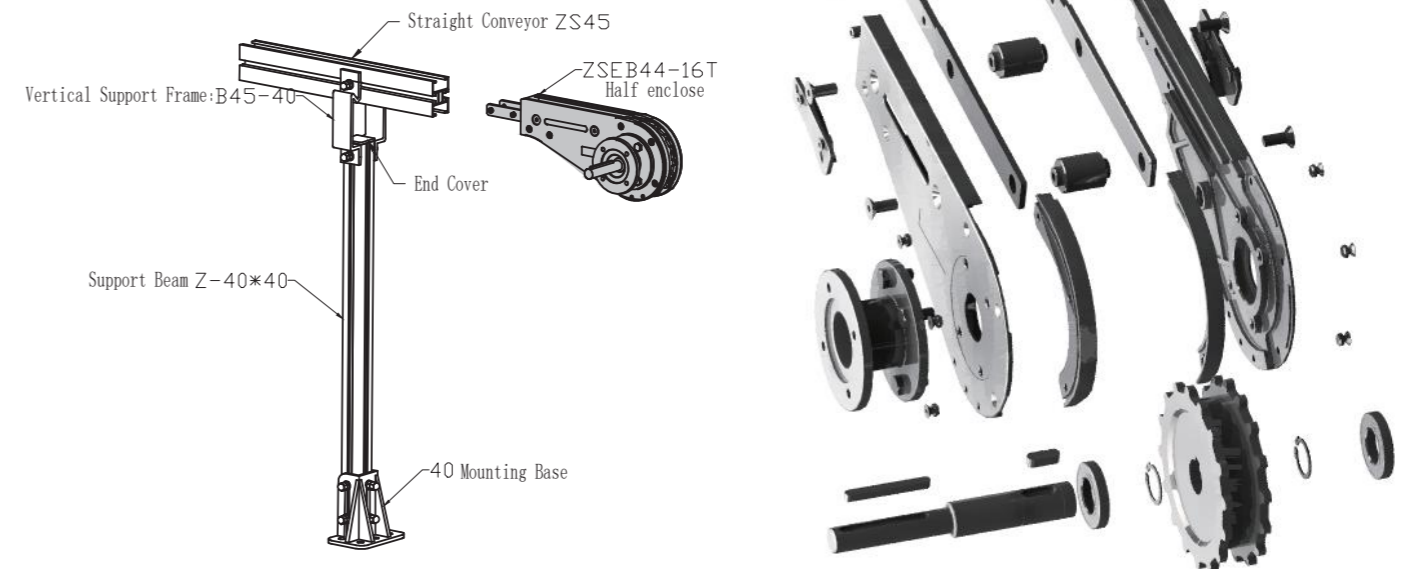
Half enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

Picture shows shaft output from right(motor locates right), motor put in left can be optional.
Actual path: 720MM
Match sprocket teeth:16teeth
Flange,shaft length and diameter can be optional,which should match with deceleration motor model..
kN is 1800N,linear speed is 5-60m/min.



Material/Color							Reference Weight
Main Machine	Flange	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
ADC12	ADC12	Stainless Steel	PA6+GF	Bearing Steel	Stainless Steel	Galvanized Carbon Steel	1.80
Spray-painted gray	Spray-painted gray	Chromium-plated Steel	Black	Stainless Steel	Stainless Steel	Stainless Steel	

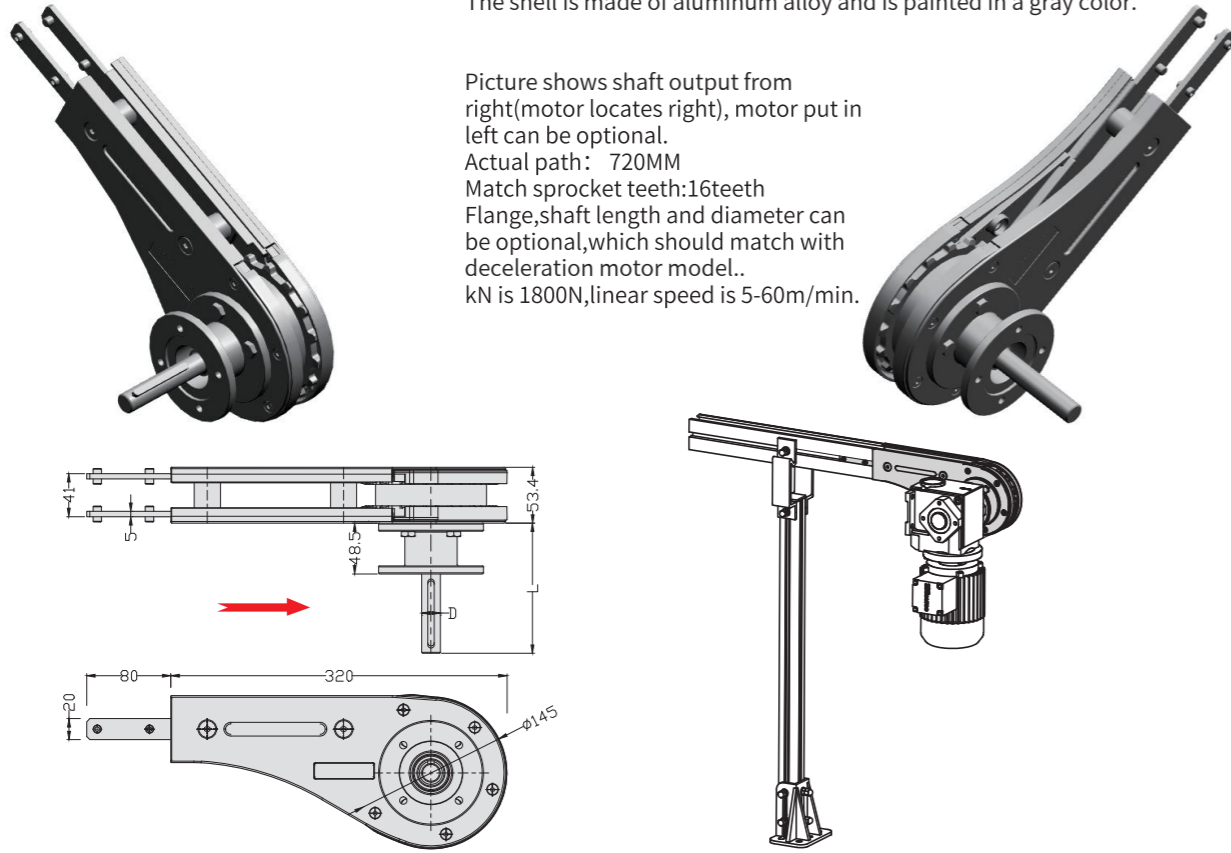


ZSEB44-16TQB

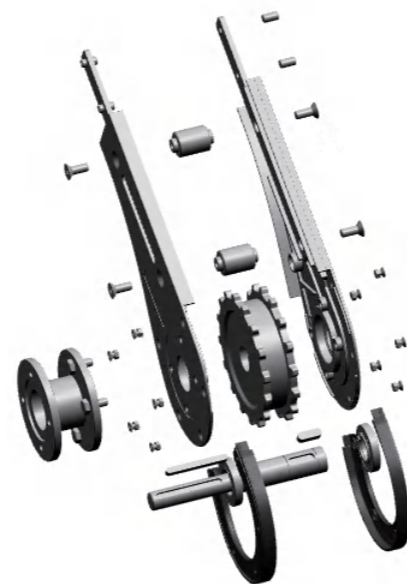
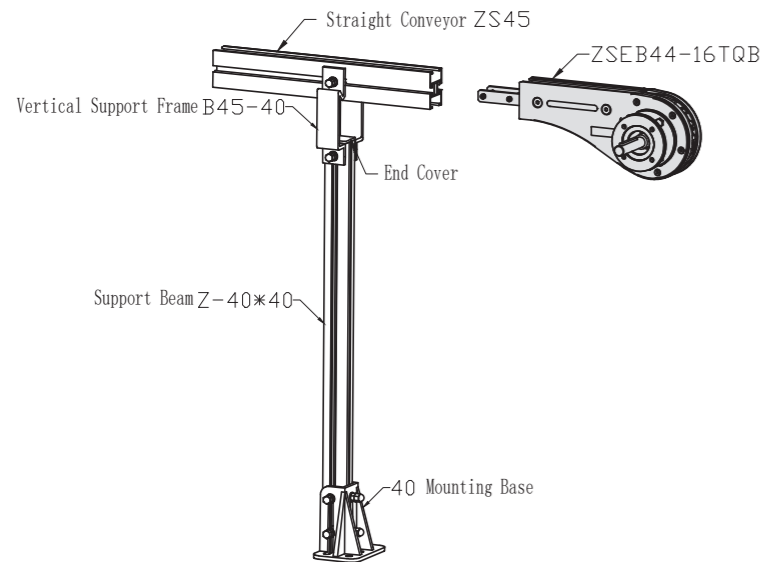
Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

Picture shows shaft output from right(motor locates right), motor put in left can be optional.
Actual path: 720MM
Match sprocket teeth:16teeth
Flange,shaft length and diameter can be optional,which should match with deceleration motor model.
kN is 1800N,linear speed is 5-60m/min.



Material/Color							Reference Weight
Main Machine	Flange	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
ADC12 Spray-painted gray	ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	1.80



ZS44 Tail Sprocket

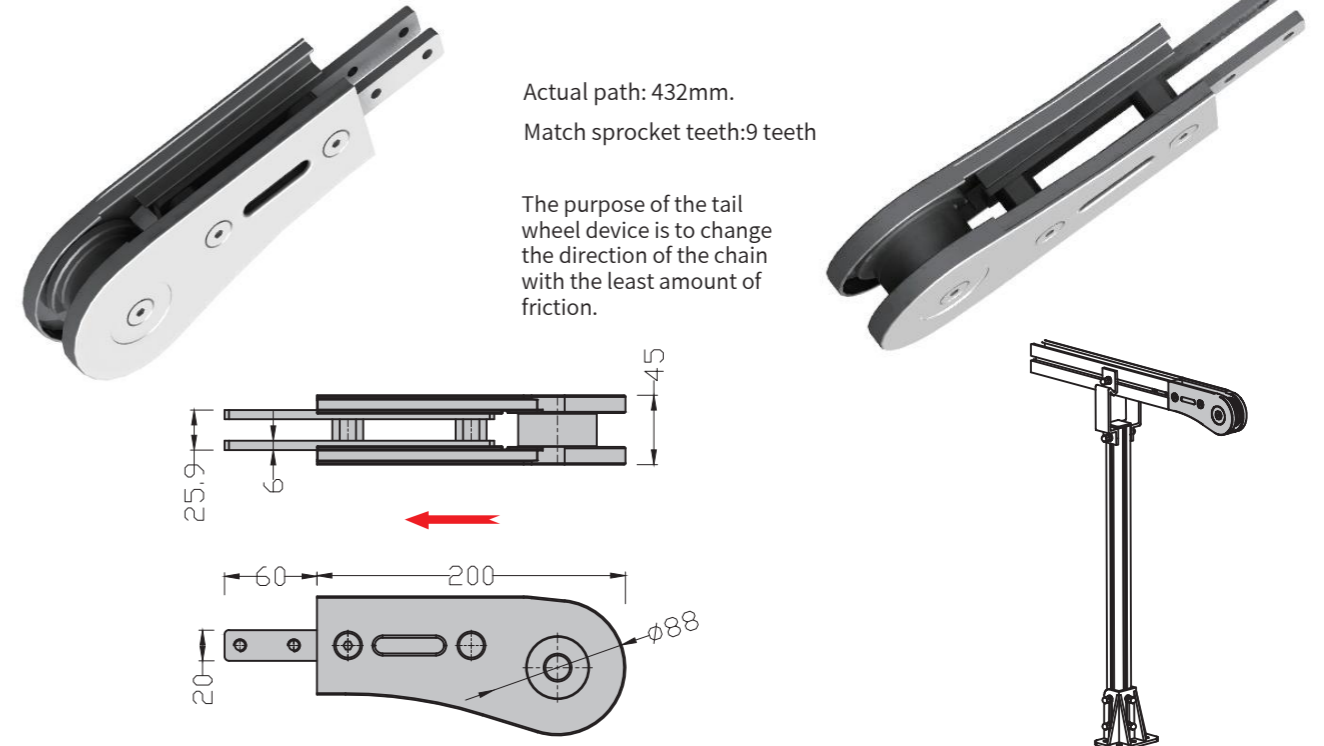
ZSEJ44-9T

All in one tail sprocket

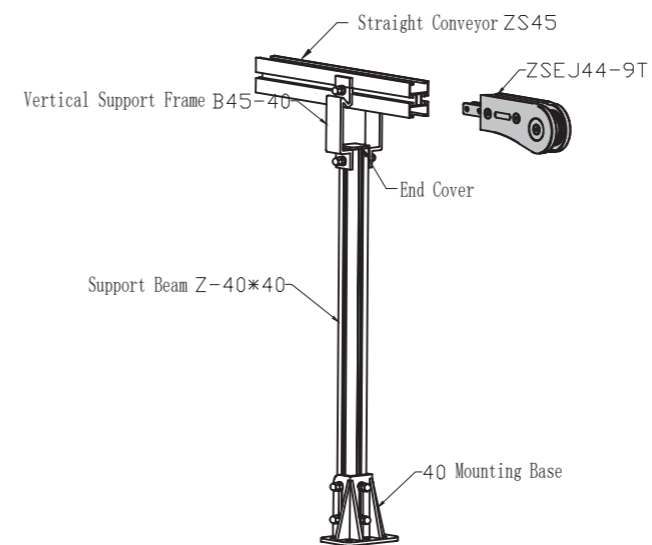
The shell is made of aluminum alloy and is painted in a gray color.

Actual path: 432mm.
Match sprocket teeth:9 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight
Main Machine	shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
6061 Spray-painted gray	Stainless Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	0.85



ZSEJ44-16T

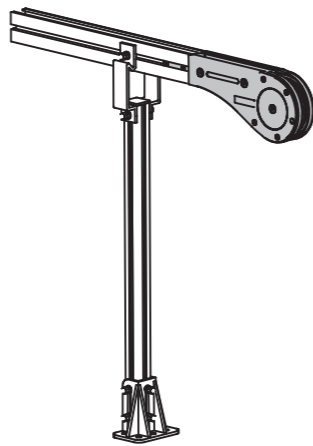
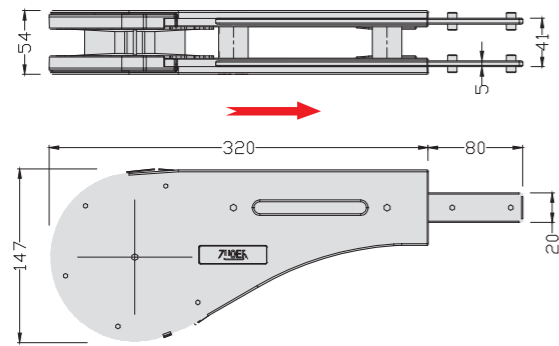
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.

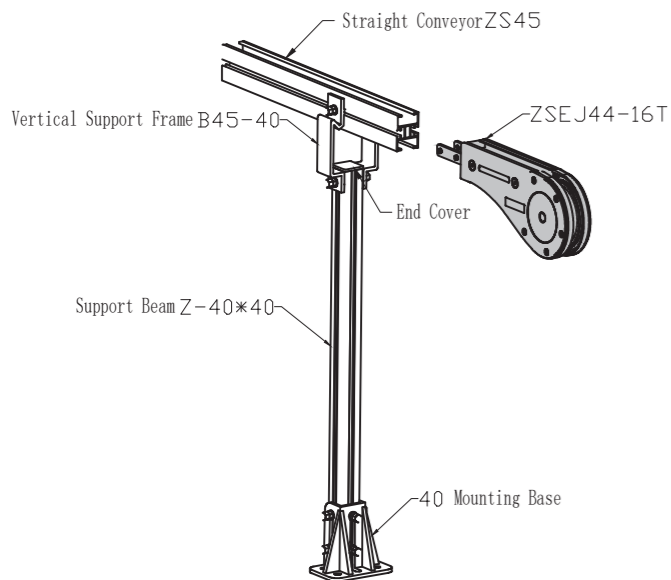


Actual path: 720mm.
Match sprocket teeth: 16 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight
Main Machine	shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
ADC12 Spray-painted gray	Stainless Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	2.05



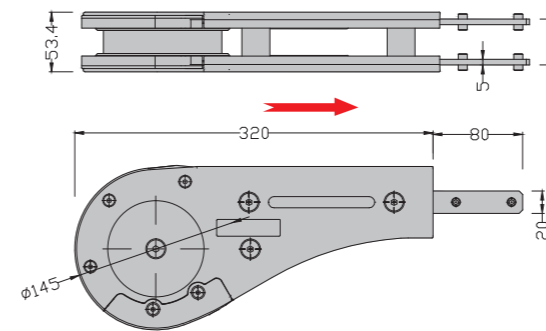
ZSEJ44-16TFT

Split tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.



The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.



※Convenient and easy to dismantle the chains

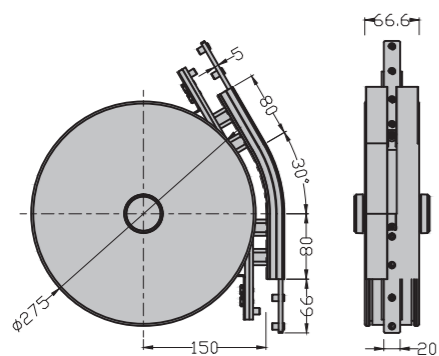
Material/Color						Reference Weight
Main Machine	shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
ADC12 Spray-painted gray	Stainless Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	2.05



The horizontal guide roller bend can change the direction of the conveying device horizontally while minimizing friction. The bend is designed to extend the lifespan and minimize friction. Each roller is supported by two sealed ball bearings. On certain conveying sections of the products, the use of 90° bend fittings is prohibited. In such cases, the change of direction can be achieved using two 45° or three 30° bend fittings.

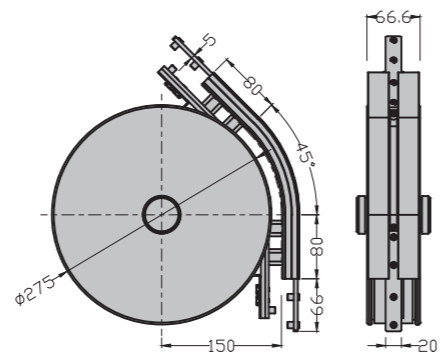
ZS44

ZSBH30R150



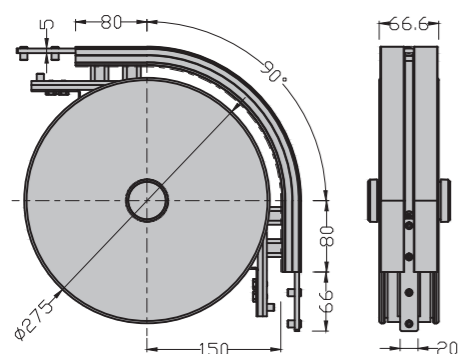
Actual path length: single rail 238mm (Double Rail 476mm)

ZSBH45R150



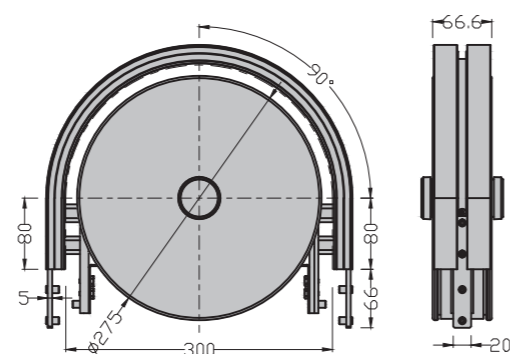
Actual path length: single rail 278mm (Double Rail 556mm)

ZSBH90R150



Actual path: Single Rail 395mm (Double Rail 790mm)

ZSBH180R150

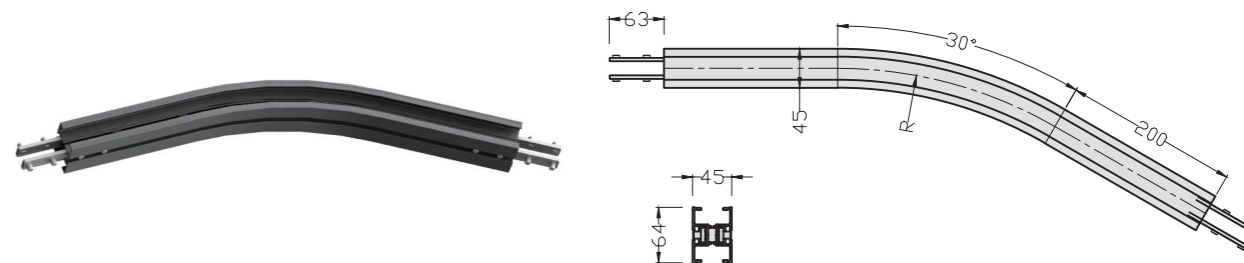


Actual path: Single Rail 395mm (Double Rail 790mm)

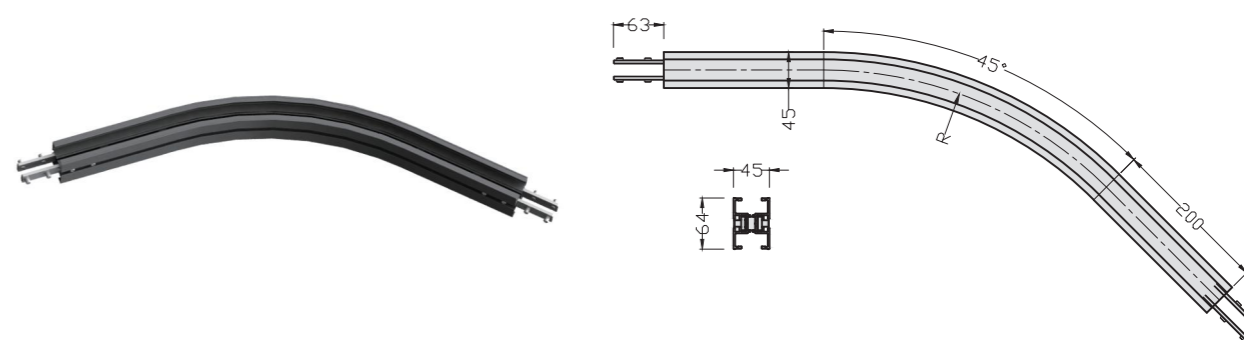
Material/Color						Reference Weight
Curve Rail	Bracket	Disk	Shaft Material can be optional	Fastener	Connecting Strip	KG
6063 Silver	Stainless Steel	PA6+GF Black/Gray	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	4.0



Standard Horizontal Bend ZS44



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZSBP30R500	R500	662	1324	1.61	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZSBP30R700	R700	766	1532	1.72					
ZSBP30R1000	R1000	923	1846	1.92					

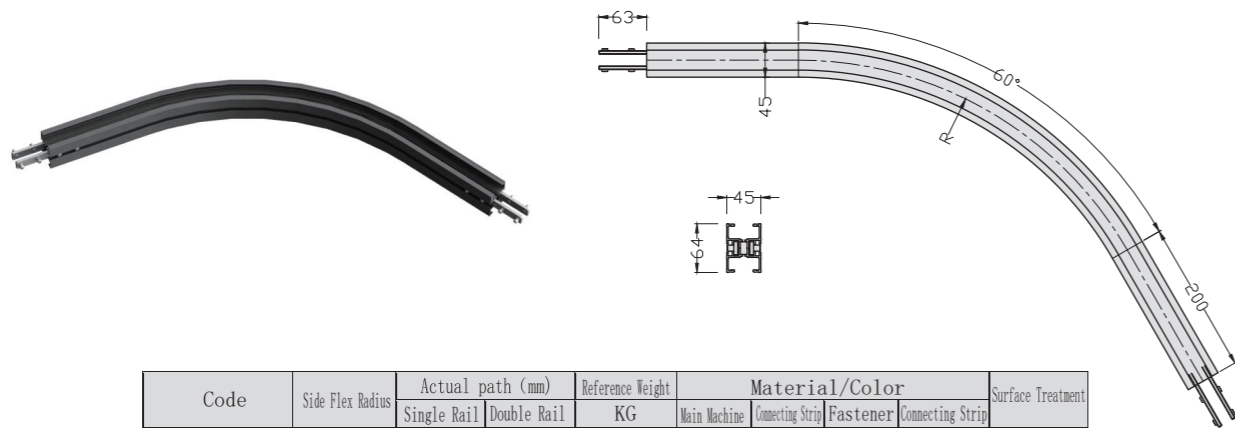


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZSBP45R500	R500	793	1586	1.82	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZSBP45R700	R700	950	1900	2.00					
ZSBP45R1000	R1000	1185	2370	2.28					

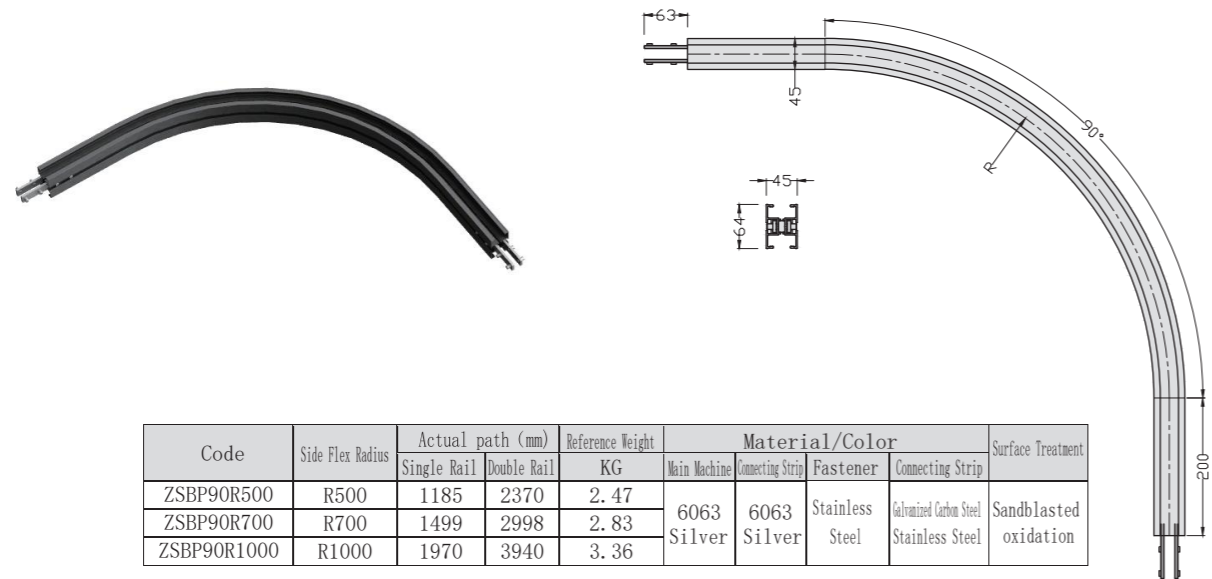


ZS44

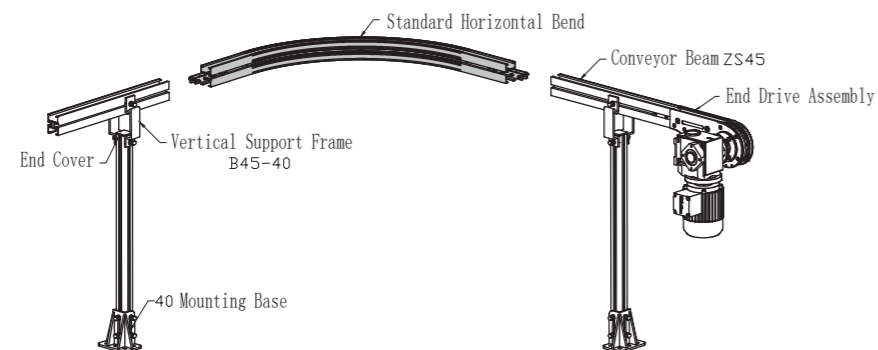
Standard Horizontal Bend ZS44



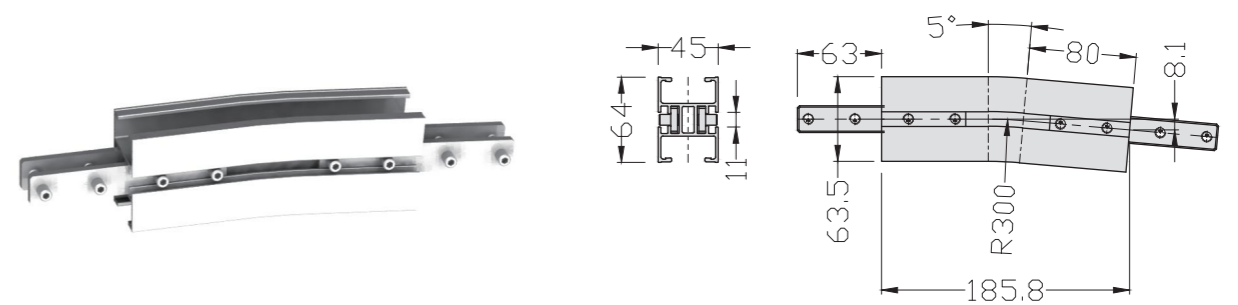
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZSBP60R500	R500	924	1848	2.05	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZSBP60R700	R700	1133	2266	2.28					
ZSBP60R1000	R1000	1447	2894	2.64					



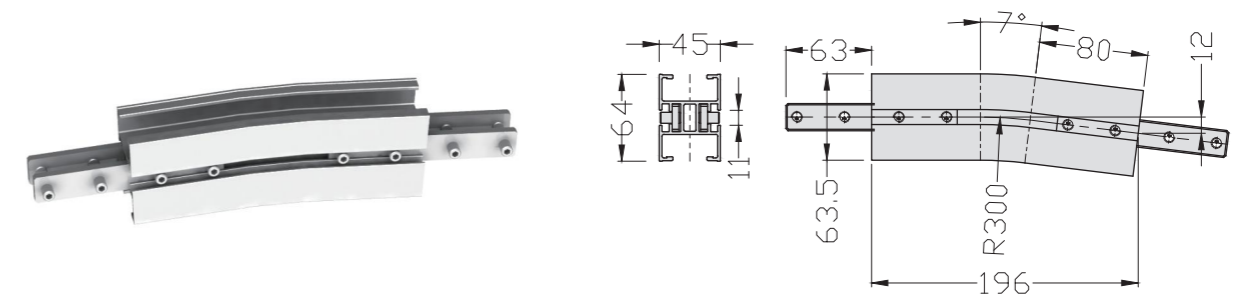
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZSBP90R500	R500	1185	2370	2.47	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZSBP90R700	R700	1499	2998	2.83					
ZSBP90R1000	R1000	1970	3940	3.36					



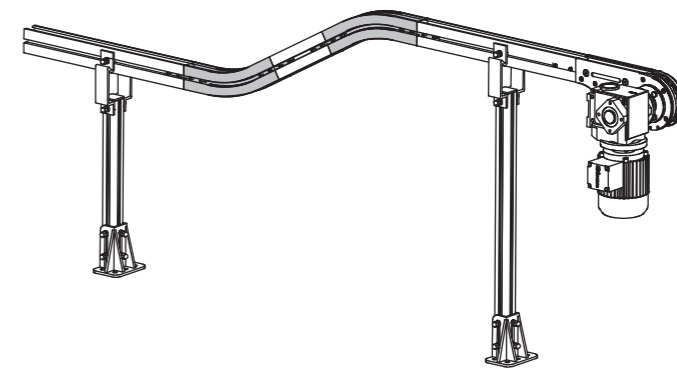
Vertical Bend ZS44



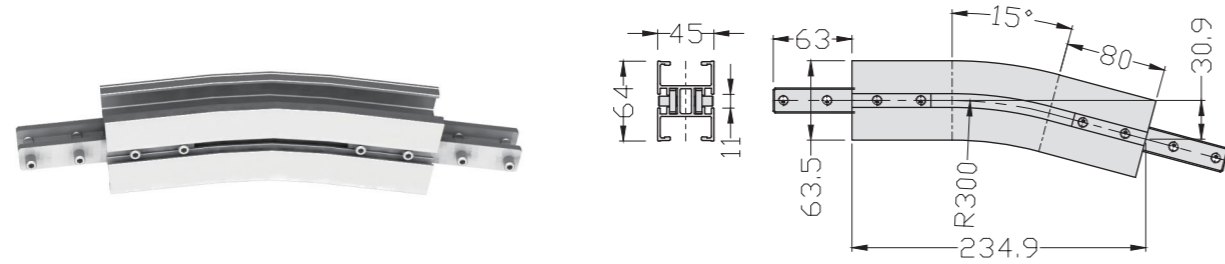
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZSBV5R300	R300	190	380	0.77	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



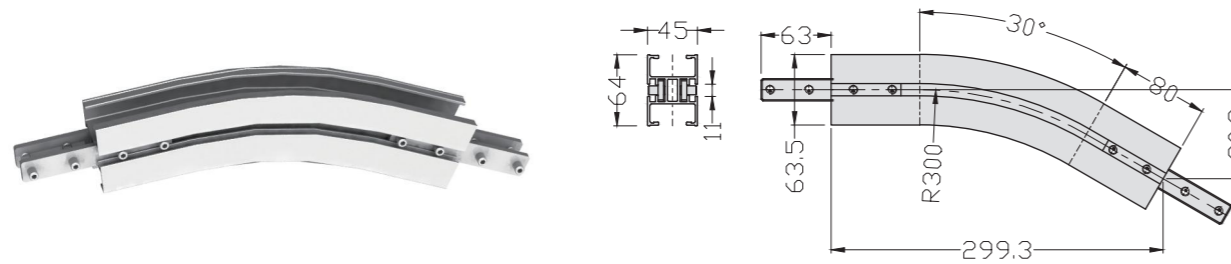
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZSBV7R300	R300	200	400	0.79	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



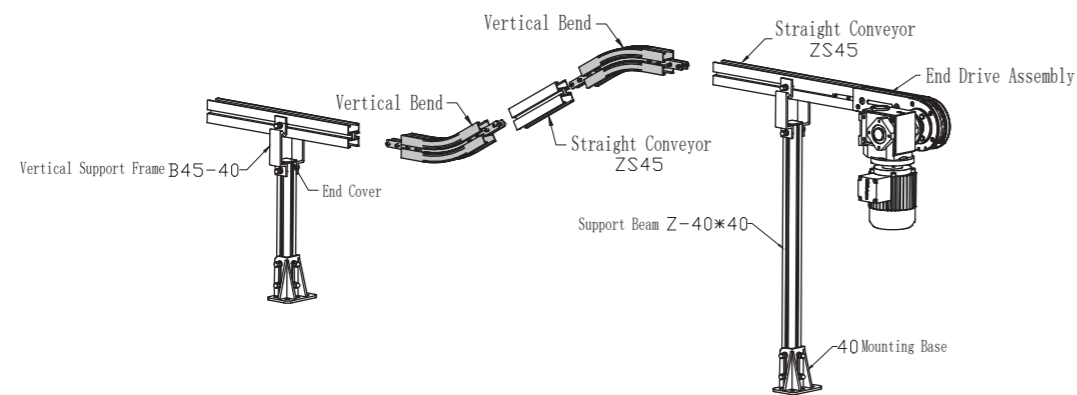
Vertical Bend ZS44



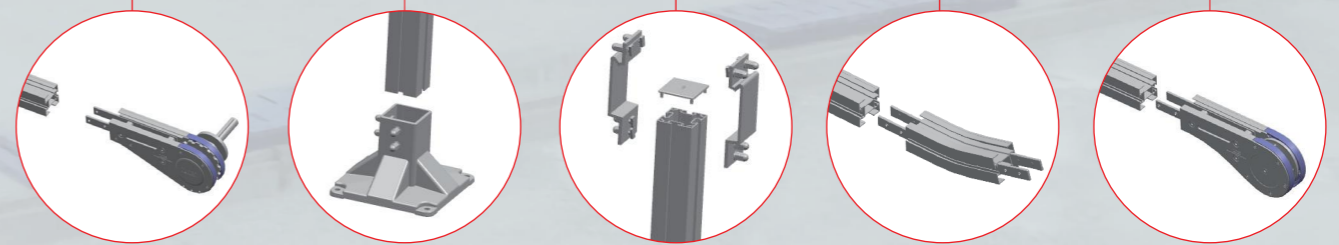
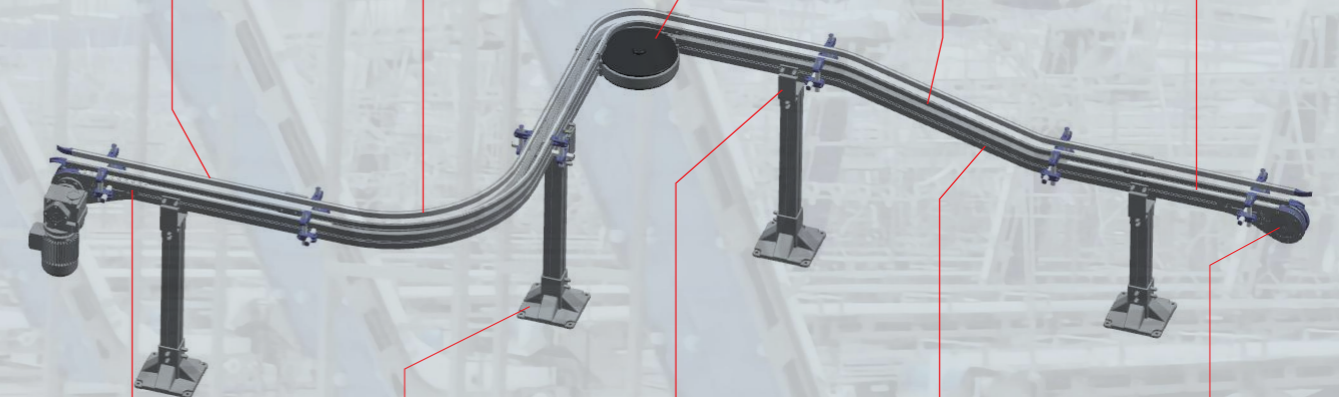
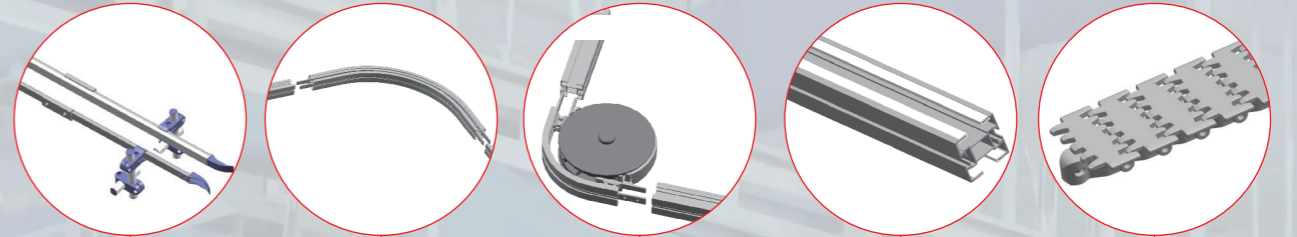
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZSBV15R300	R300	245	490	0.86	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZSBV30R300	R300	326	650	0.9	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

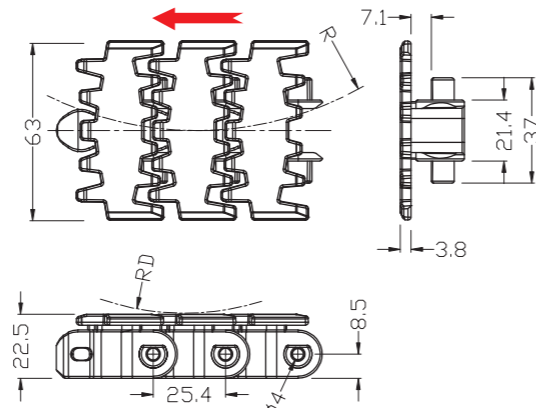


Guide Rail Component Bend standard Horizontal Bend Straight Conveying Beam Conveyor Chain



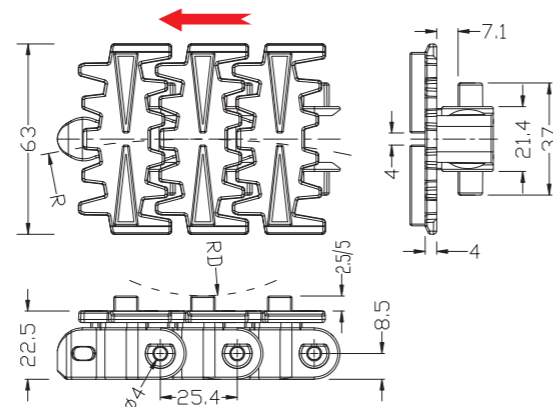
Drive Assembly Mounting Base Support Module Vertical Bend Tail Sprocket

ZL63A Tooth Chain



Mounting Base	Chain Width W		Minimum Side Flex Radius	Material	Working load
	mm	kg/m			
ZL63A	63	0.8	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Note: This product is mainly suitable for the transportation of various foods, beverages and various items. The material is POM, the color is white, and the operating temperature range is -30°C to +90°C.	
25.4	4	SUS	RD85		

ZL63B Tooth Chain



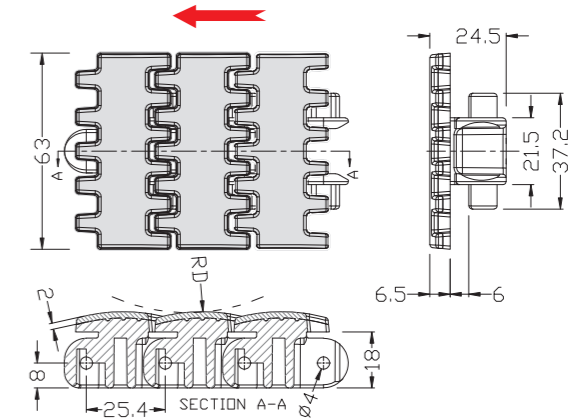
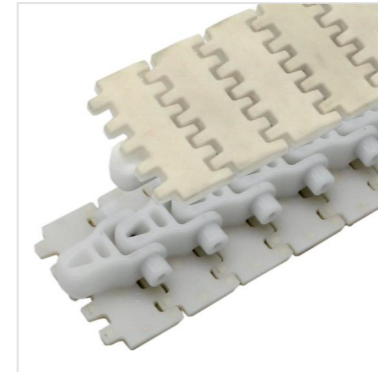
Mounting Base	Chain Width W		Minimum Side Flex Radius	Material	Working load
	mm	kg/m			
ZL63B	63	0.83	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The height of the triangular blocks can be selected as either 2.5 or 5. For certain size, can be customized.	
25.4	4	SUS	RD95		

Specialized model for bearing production line



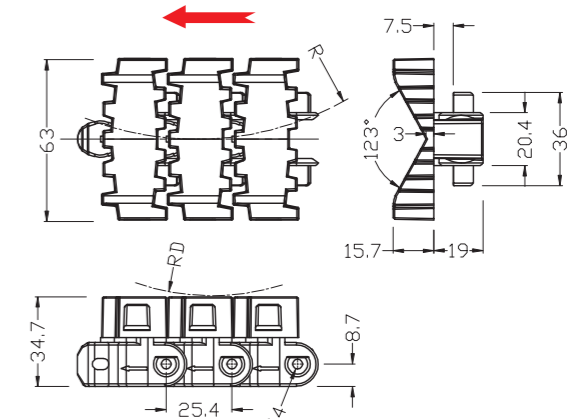
Slant Gear R: Gear height 5 Slant Gear L: Gear height 5 Two gears: Gear height 2.5/5 Straight Gear: Gear height 2.5 Side Gear: Gear height 2.5

ZL63C Chain Guide



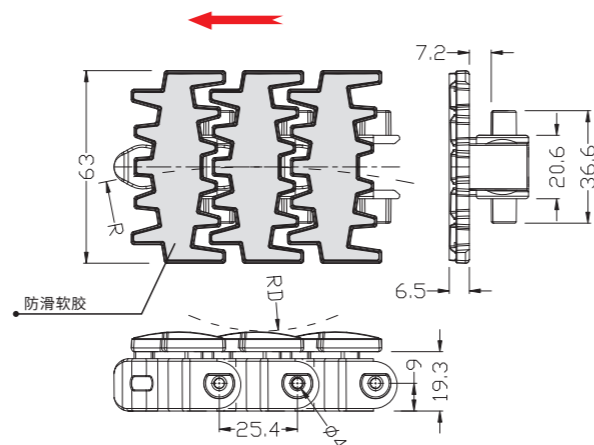
Mounting Base	Chain Width W		Minimum Side Flex Radius	Material	Working load
	mm	kg/m			
ZL63C	63	0.88	Straight chain, cannot turn.	POM+TPU/TPE	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
25.4	4	SUS	RD200		

ZL63D Tooth Chain



Mounting Base	Chain Width W		Minimum Side Flex Radius	Material	Working load
	mm	kg/m			
ZL63D	63	1.0	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The special V-shaped loading block is designed to prevent side sliding and falling. Can ensure the centered positioning of the transported objects and be effective.	
25.4	4	SUS	RD170		

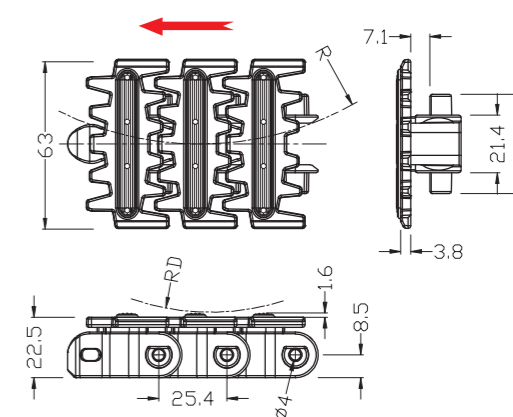
ZL63E Tobacco Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZL63E	63	0.90	R150	POM+TPU/TPE	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The excellent straight top surface and elastic rubber are highly suitable for application in cigarette production lines, effectively preventing the wrinkling and indentation of chimneys.	
25.4	4	SUS	RD100		

ZL63E

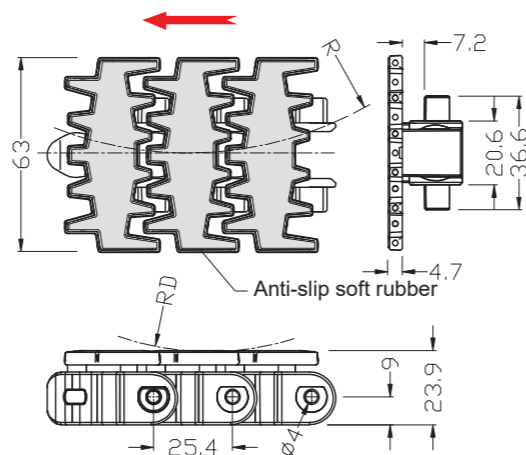
ZL63G Chain Guide



Mounting Base	Chain Width	Chain Weight	Minimum Side Flex Radius	Material	Working load
		kg/m	mm		N(21°C)
ZL63G	63	0.82	R150	POM+TPU	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable	
25.4	4.0	SUS	RD100		

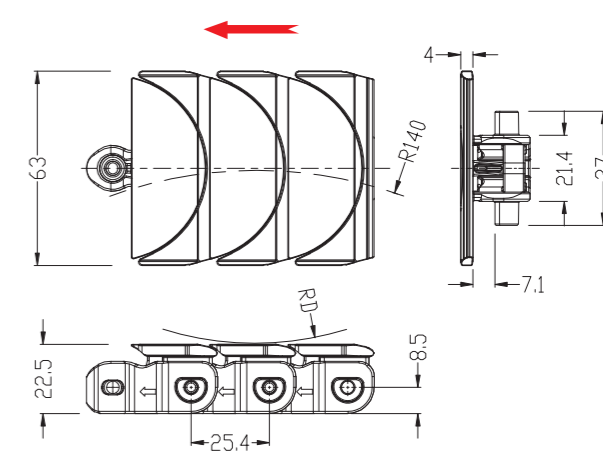
ZL63G

ZL63F Chain Guide



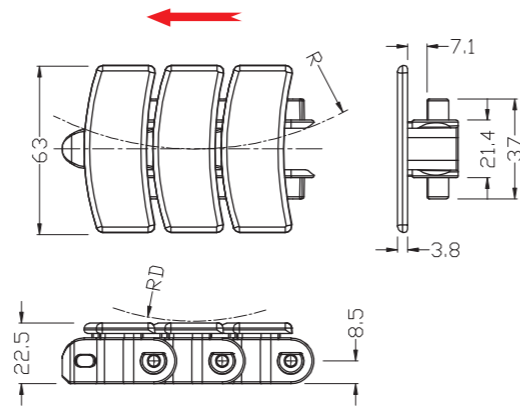
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZL63F	63	0.90	R150	POM+TPU/TPE	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
25.4	4	SUS	RD100		

ZL63S Seamless Chain



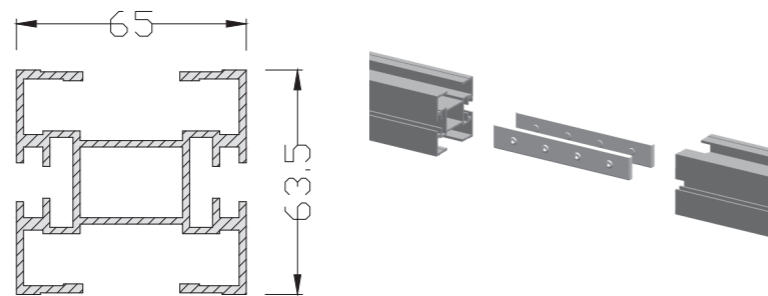
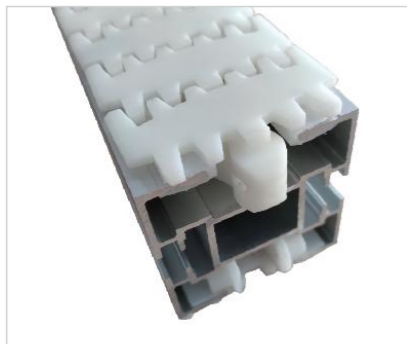
Mounting Base	Chain Width	Chain Weight	Minimum Side Flex Radius	Material	Working load
		kg/m	mm		N(21°C)
ZL63S	63	0.8	R140	POM	2500
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	During both straight and side flex movements, the upper surface remains smooth and seamless, making it suitable for transporting various small items and items with protrusions that are prone to getting stuck. This ensures smooth and stable production.	
25.4	4.0	SUS	RD85		

ZL63YH Crescent Chain



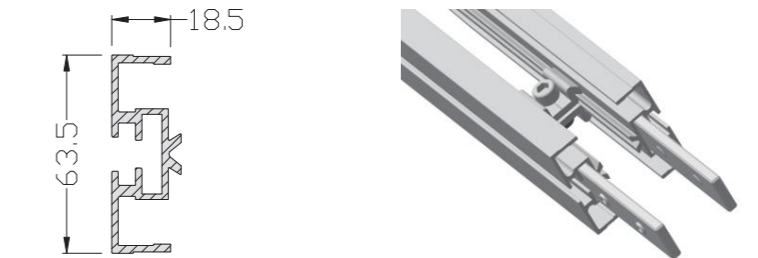
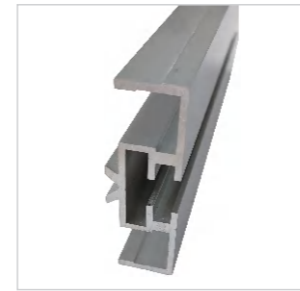
Mounting Base	Chain Width	Chain Weight	Minimum Side Flex Radius	Material	Working load
		kg/m			N(21°C)
ZL63YH	63	0.8	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	During both straight and side flex movements, the upper surface remains smooth and seamless, making it suitable for transporting various small items and items with protrusions that are prone to getting stuck. This ensures smooth and stable production.	
25.4	4.0	SUS	RD100		

Straight Conveyor Beam:ZL65



Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZL65	Silver	6063	Sandblasted oxidation	ZL63 Series	3m/6m	2.15KG/M

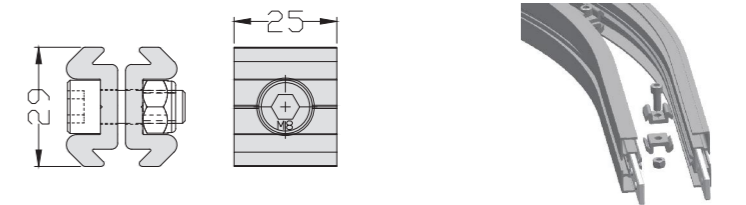
Horizontal Half Beam:ZLB65



※ Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.

Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZLB65	Silver	6063	Sandblasted oxidation	3m/6m	1.0KG/M

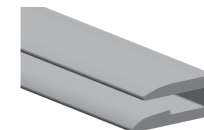
Clamp:ZLJ65



※ Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.

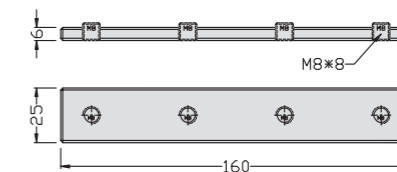
Code	Color	Material	Surface Treatment	Connecting Strip	Reference Weight
ZLJ65	Silver	6063	Sandblasted oxidation	Stainless Steel	45g

Wear Strip:W45-1



Code	Color	Material Optiona	Adaptive Conveyor Beam	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50m/roll	50g/m

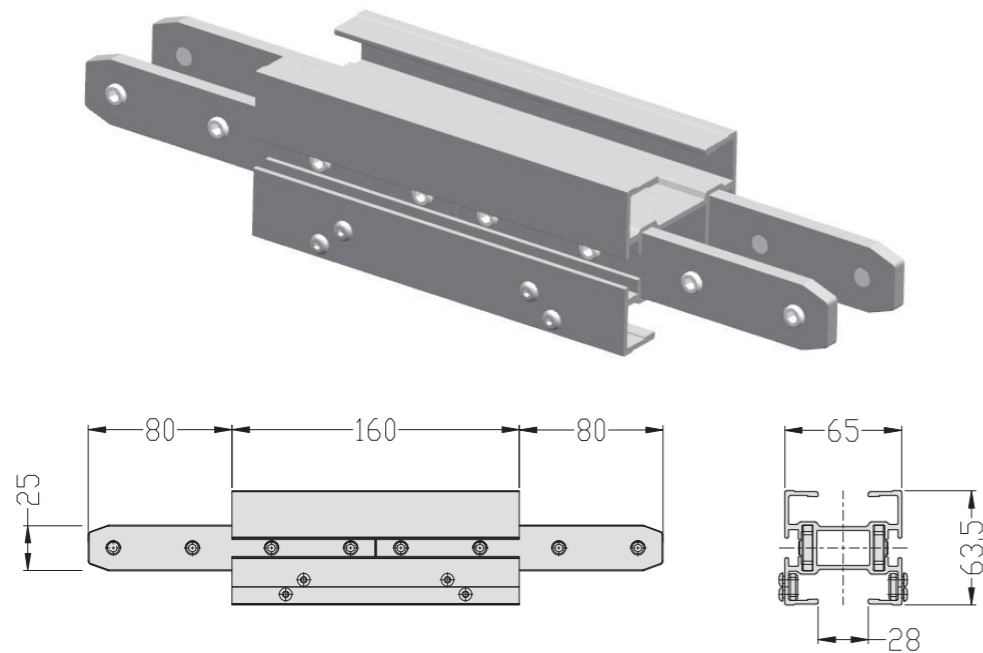
Strip Z-160-25 with location screw



Code	Color	Material Optiona	Adaptive Conveyor Beam	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.12KG/M including 4 setscrew

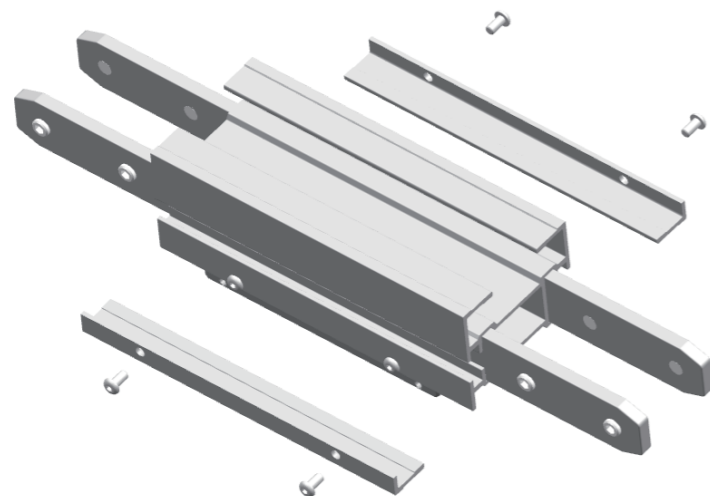
ZLCC160

Split Connecting Beam



Material/Color			Reference Weight
Chain Width	Shaft Material can be optional	Fastener	KG
6063 Silver white	Galvanized Carbon Steel Stainless Steel	Galvanized Carbon Steel	1.21

Suitable for installing and dismantling the conveying chain on the conveying rail section. It needs to be placed at the connection point of the conveyor profiles. Both sides are open for dismantling. ZLEB63-9T End drive Assembly and tail Sprocket are enclose structure, so there must equip split Connecting Beam for dismantling.



ZL Drive Assembly

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard.

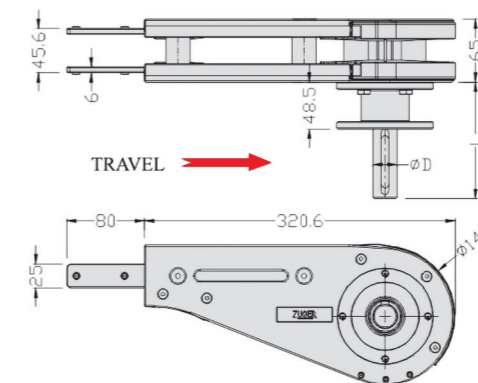
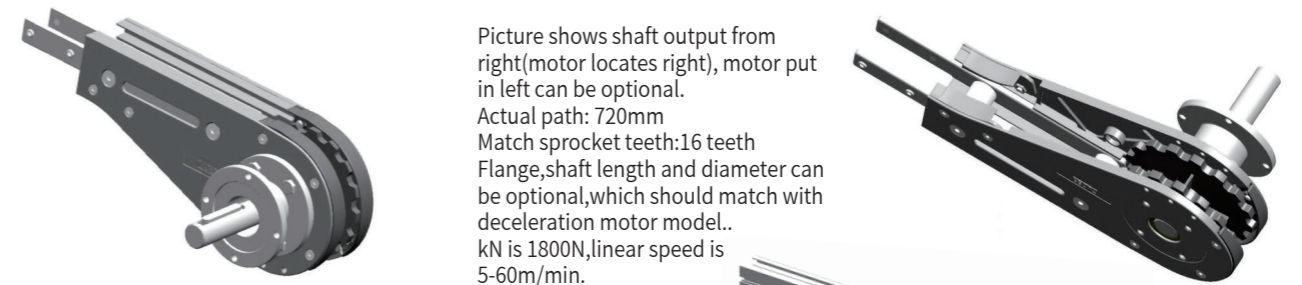
Technical Parameters

Chain Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
63mm	25.4mm	16 teeth	500N	15m	150KG	5-60m/min

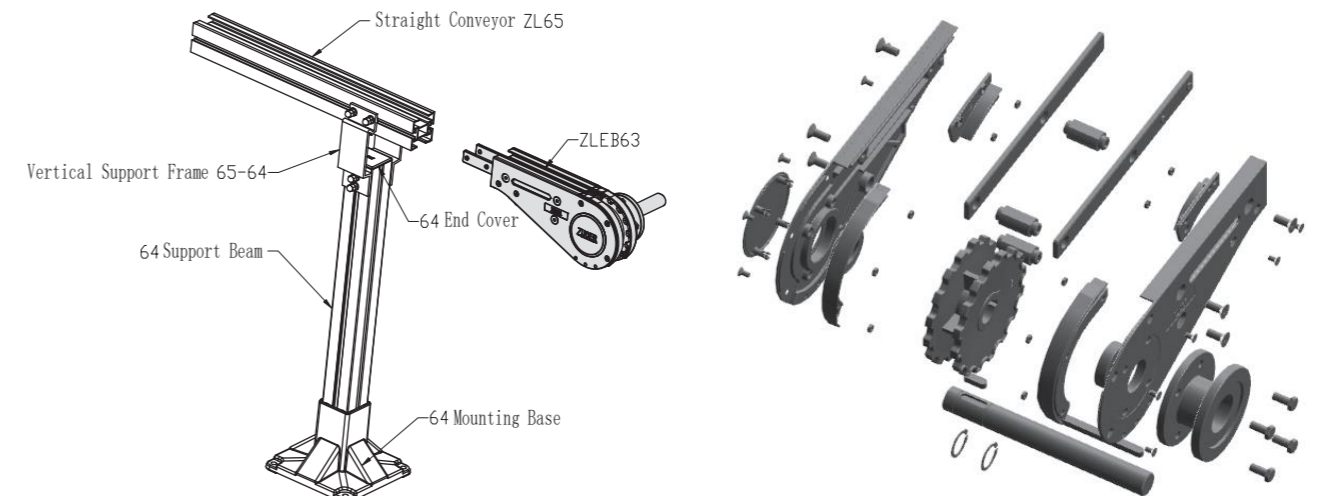
ZLEB63

Half enclose end drive assembly

The shell is made of casting aluminum alloy and is painted in a gray color.



Material/Color								Reference Weight
Chain Width	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Shaft Material can be optional	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.53



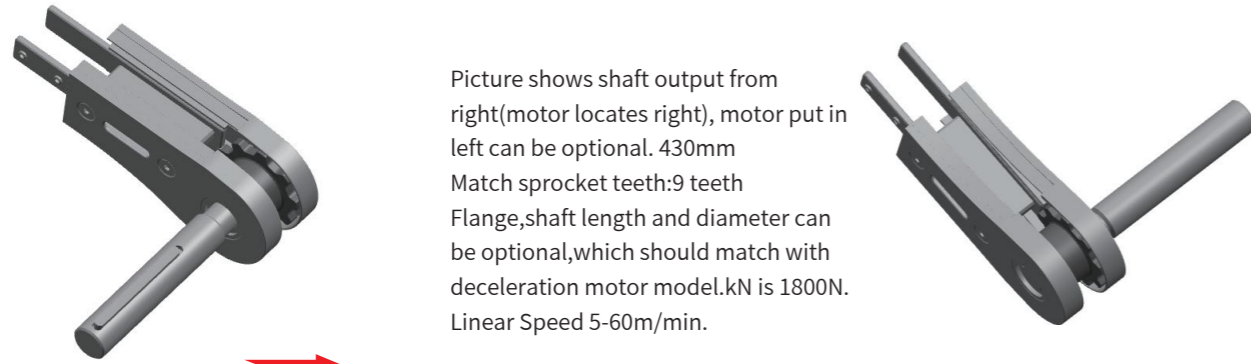
ZL63

ZL63

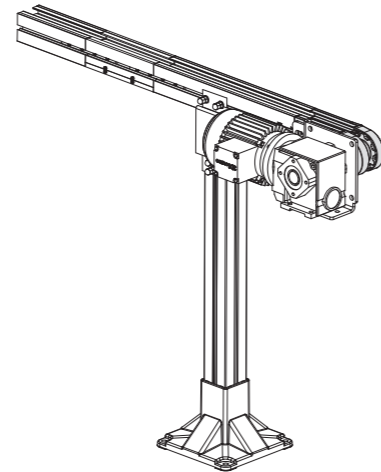
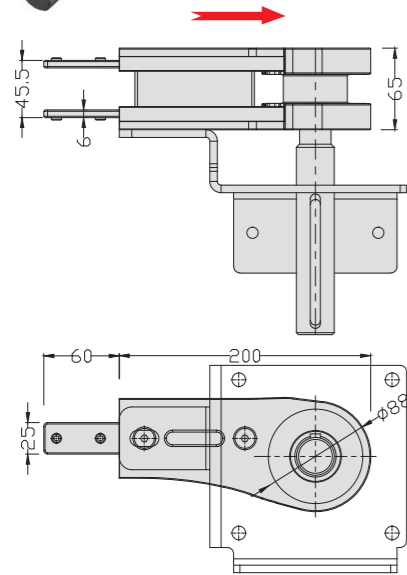
ZLEB63QB

Enclose end drive assembly

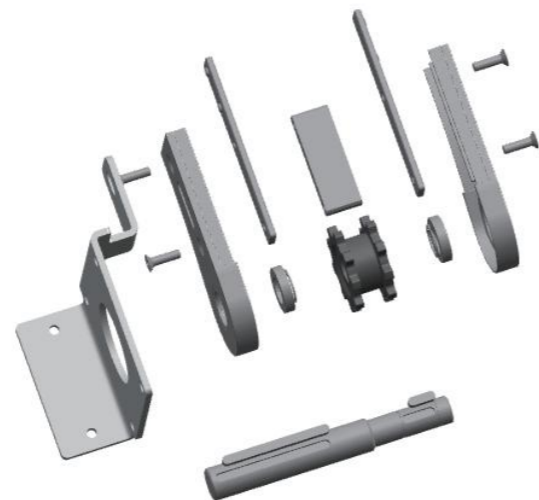
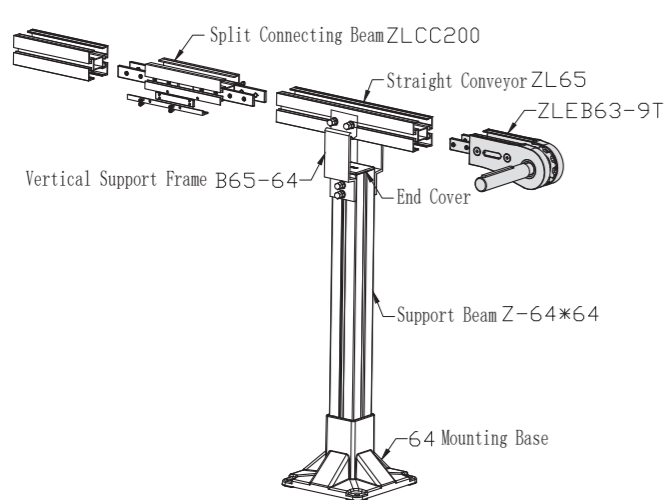
The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional. 430mm
Match sprocket teeth:9 teeth
Flange, shaft length and diameter can be optional, which should match with deceleration motor model.kN is 1800N.
Linear Speed 5-60m/min.



Material/Color								Reference Weight
Chain Width	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Shaft Material can be optional	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.53



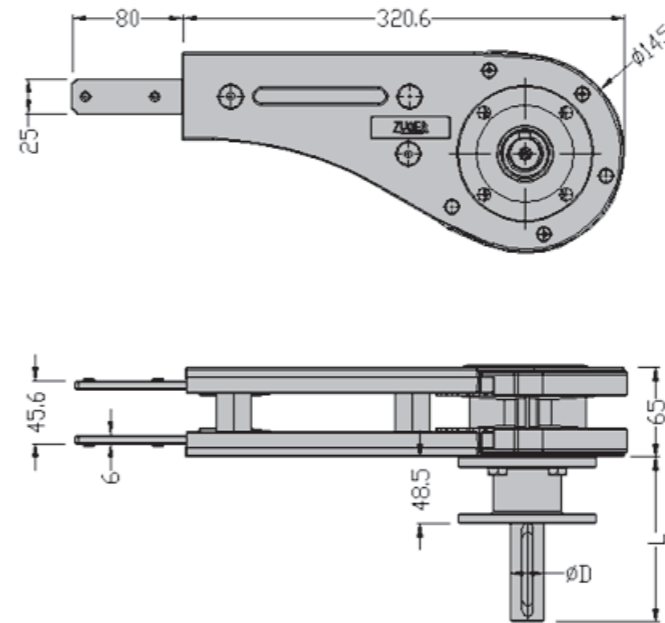
ZLEB63QB

Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



※match with split tail sprocket



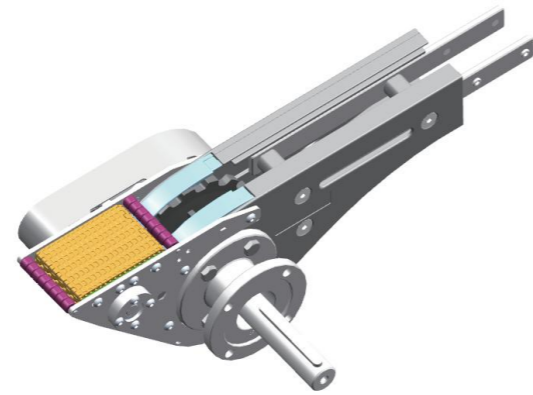
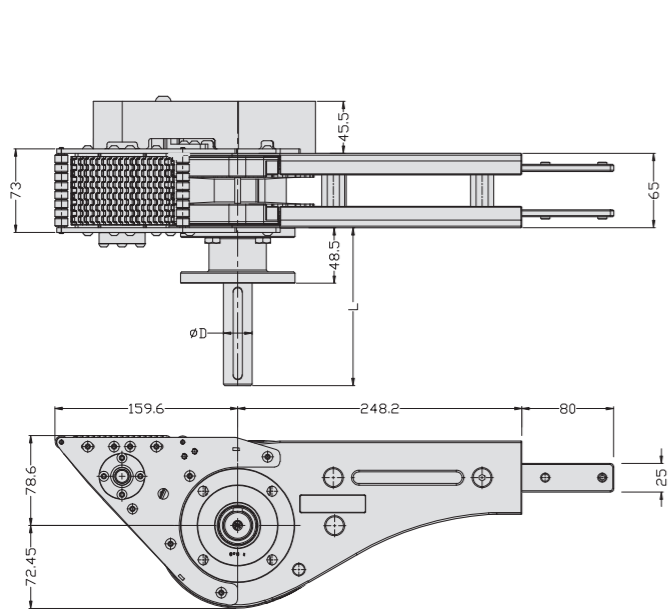
Picture shows shaft output from right (motor locates right), motor put in left can be optional. 720mm
Match sprocket teeth:16 teeth

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.kN is 1800N.
Linear Speed 5-60m/min.

Material/Color								Reference Weight
Chain Width	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Shaft Material can be optional	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.53

ZLEB63GD

Damper



Picture shows shaft output from left (motor locates left), motor put in right can be optional. 12 Teeth Flange, shaft length and diameter can be optional. The effective size of the conveyed object should be larger than 85mm, with the center of gravity positioned centrally, and the speed should be greater than 5 meters per minute.

Power assembly							Material/Color	Reference Weight
Main Machine	Flange	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip		KG
6061 Spray-painted gray	ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel		3.60

Damper								Material/Color	Reference Weight
Side Plate	Timing Belt	Shaft	Sprocket	Timing Wheel	Transfer Zone	Fastener	Bearing		KG
Stainless Steel Drawing Process	Rubber Black	Stainless Steel	6061 Silver	6061 Natural Oxidation	POM Deep Gray	Stainless Steel	Bearing Steel		1.65



The dual-drive device is designed to be placed at one end of the transmission device. The reducer motor connects the two drive devices together through a common shaft. The motor can be positioned in the left, right, or in the middle. It is important that the load between the two conveying devices should be distributed as evenly as possible.

Technical Parameters

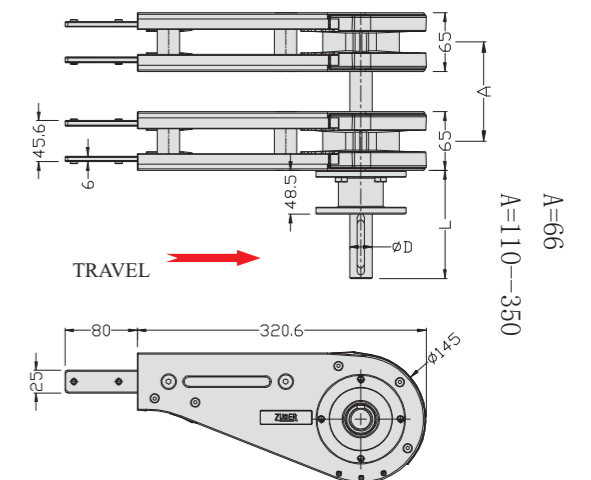
Category	Pitch	Drive Tooth	Max Length	Linear Speed	Actual path	Distance between the two drive centers A
ZL63	25.4mm	16Teeth	1800N	5-60m/min	720mm	66 or 110-350

ZLEB63-S

Half enclose end

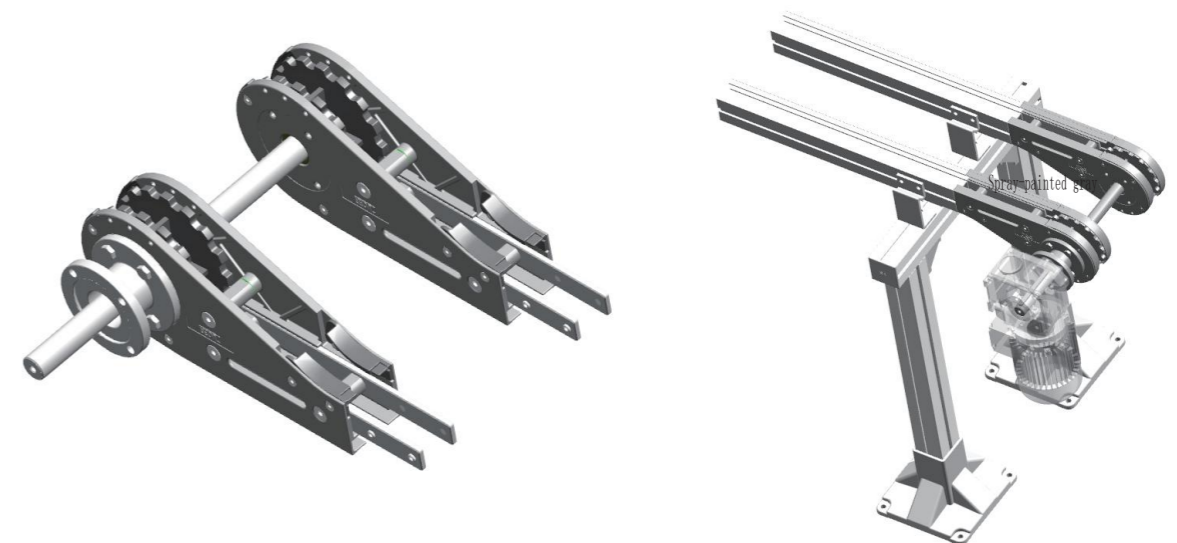
The shell is made of aluminum alloy and is painted in a gray color.

The shell is made of casting aluminum alloy and is painted in a gray color.



※ Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
 ※ Picture shows shaft output from right (motor locates right), match with all in one tail sprocket

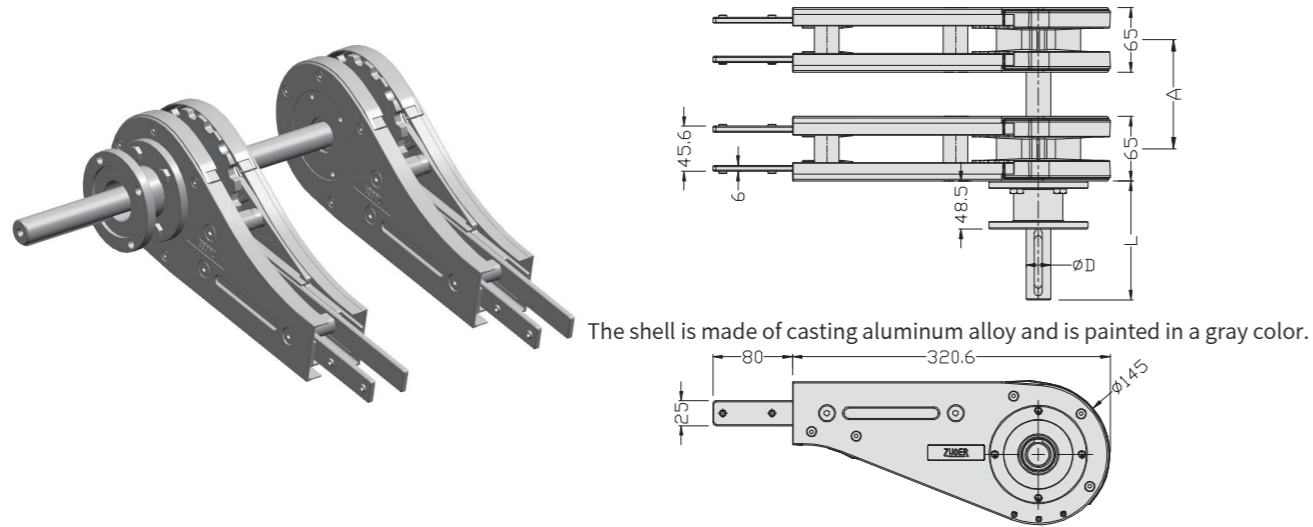
Material/Color							Reference Weight
Main Machine	Torque arm	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
6061 Spray-painted gray	Stainless Steel	Stainless Steel Chromium-plated Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	4.05



ZLEB63SQ

Fully enclosed dual drive unit

The shell is made of aluminum alloy and is painted in a gray color.

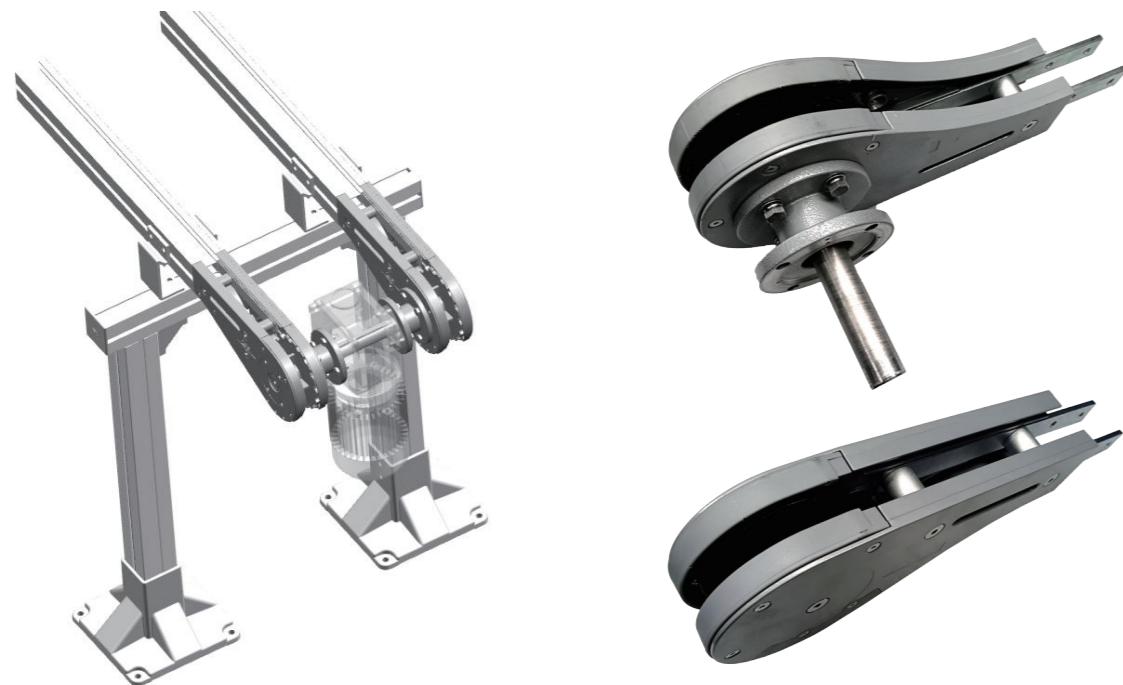


The shell is made of casting aluminum alloy and is painted in a gray color.

- ※ Flange, shaft length and diameter can be optional, which should match with deceleration motor model..
- ※ Picture shows shaft output from right (motor locates right), match two sets of all in one tail sprocket

Chain Width	Shaft Material can be optional	Material/Color						Reference Weight
		Sprocket	Shaft Material can be optional	Fastener	Shaft Material can be optional	Washer	Flange	
ADC12	Stainless Steel	PA6+GF	Bearing Steel	Stainless Steel	Galvanized Carbon Steel	PA6	ADC12	3.53
Spray-painted gray	Chromium-plated Steel	Black	Stainless Steel	Steel	Stainless Steel	gray	Spray-painted gray	

ZL63 Central-mounted dual-drive reduction moto



ZL Horizontal rotary drive unit

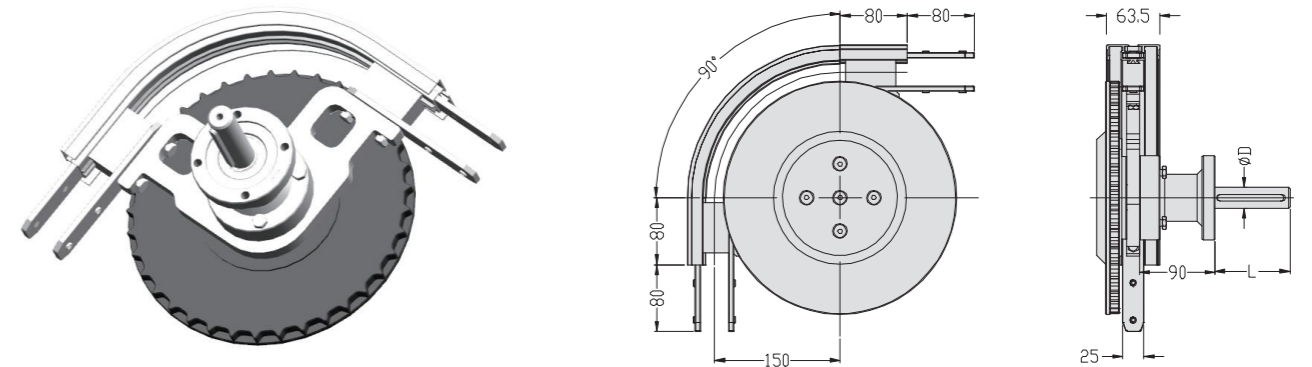
The horizontal rotary drive device is particularly suitable for the circulating transmission system without return chain. In this type of drive mechanism, the drive wheel is a horizontal disc sprocket that meshes with the chain on its side. The reduction motor drives the sprocket through an intermediate shaft, thereby driving the chain. Running speed: 5-30m/min. Note that the kN of the horizontal rotary drive device is lower than that of the end drive device. See the technical specification.

Technical Parameters

Category	Pitch	Number of teeth on the rotating disc	Max Length	Linear Speed	Drive category can be optional
ZL63	25.4mm	37	500N	5-30m/min	90° / 180°

ZLEW63-90P

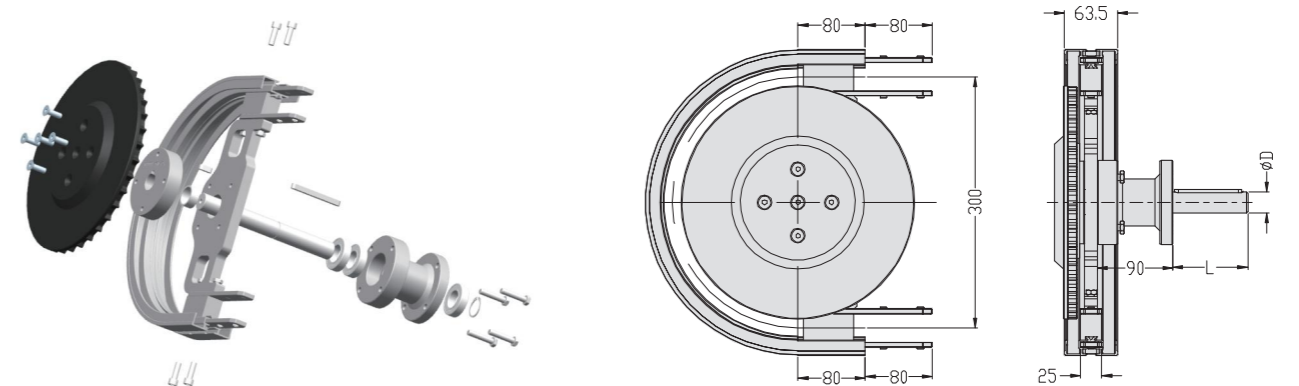
90° Horizontal rotary drive unit



Actual path: 395mm
Flange, shaft length and diameter can be optional, which should match with deceleration motor model..

ZLEW63-180P

180° Horizontal rotary drive unit



Actual path: 630mm
Flange, shaft length and diameter can be optional, and should match with deceleration motor model..

Code	Material/Color								Reference Weight
	Main Machine	Bracket	Shaft Material can be optional	Flange	Disc	Shaft Material can be optional	Fastener	Connecting Strip	
ZLEW63-90P	6063	6061	Stainless Steel	6061	Nylon	Bearing Steel	Stainless Steel	Galvanized Carbon Steel	5.90
ZLEW63-180P	Silver	Silver	Chromium-plated Steel	Silver	Black	Stainless Steel	Stainless Steel	Stainless Steel	6.15

The intermediate drive unit can be installed anywhere on the conveying device, and it is similar to the standard type of drive unit. When the space at the end is limited, the intermediate drive device can demonstrate its advantages. Since the drive chain is operated on the return path of the conveyor belt, in systems equipped with an intermediate drive device, two tail wheel assemblies are required. To facilitate the loading and unloading of the chain, one of them is a split-type tail wheel assembly. To reduce friction, the driving device should be placed as close as possible to the rear wheel assembly at the front end. In a mid-drive system, only a limited portion of the chainwheel's circumference engages with the drive chain. Therefore, the traction limit of the mid-drive system is lower than that of the end-drive system. The operating speed is 5 - 25 meters per minute. Refer to the technical specifications.

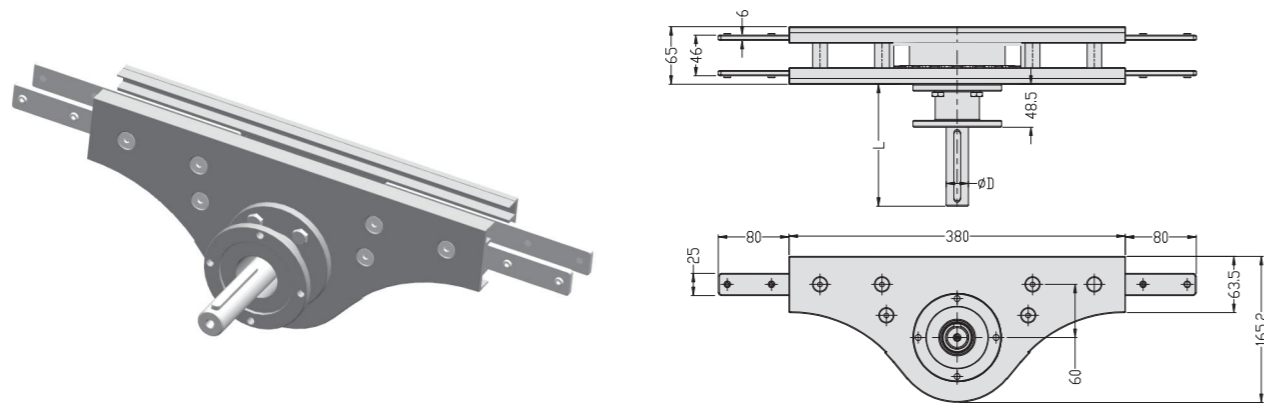
Technical Parameters

Category	Chain Pitch	Drive	kN	Linear Speed	Actual path
ZL63	25.4mm	16 Teeth	350N	5-25m/min	Double Rail830mm

ZL63

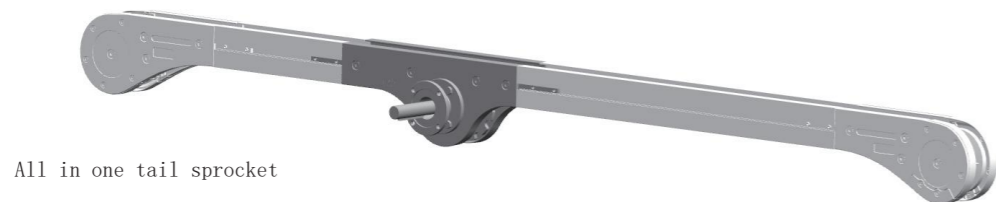
ZLER63

Middle Drive Assembly



- ※ Flange, shaft length and diameter can be optional, and should match with
- ※ match with the all in one tail sprocket and split tail sprocket. Each quips one deceleration motor model..

Material/Color							Reference Weight
Main Machine	Shaft Material can be optional	Flange	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
6061 Spray-painted gray	Chromium-plated Steel Stainless Steel	ADC12 Spray-painted gray	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	2.75



All in one tail sprocket

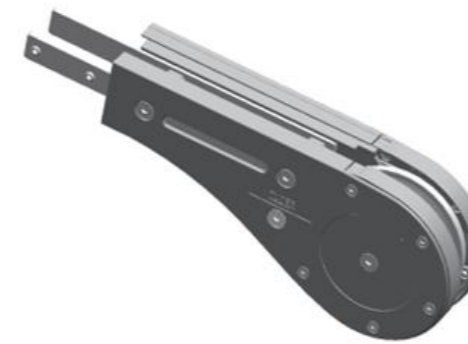
Split tail sprocket

Tail Sprocket including free wheel with ball bearing, the middle wheel setting for changing chain direction with min friction. The tail sprocket device is installed at the entrance end of the conveyor. If a central drive device is used, one tail wheel device will be installed at the entrance and another at the exit.

ZLEJ63

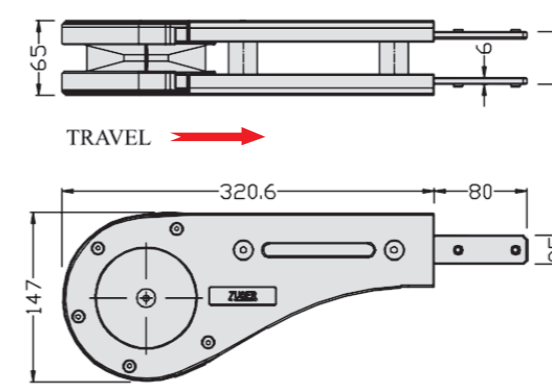
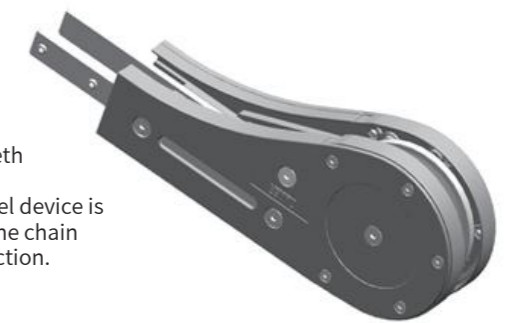
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.



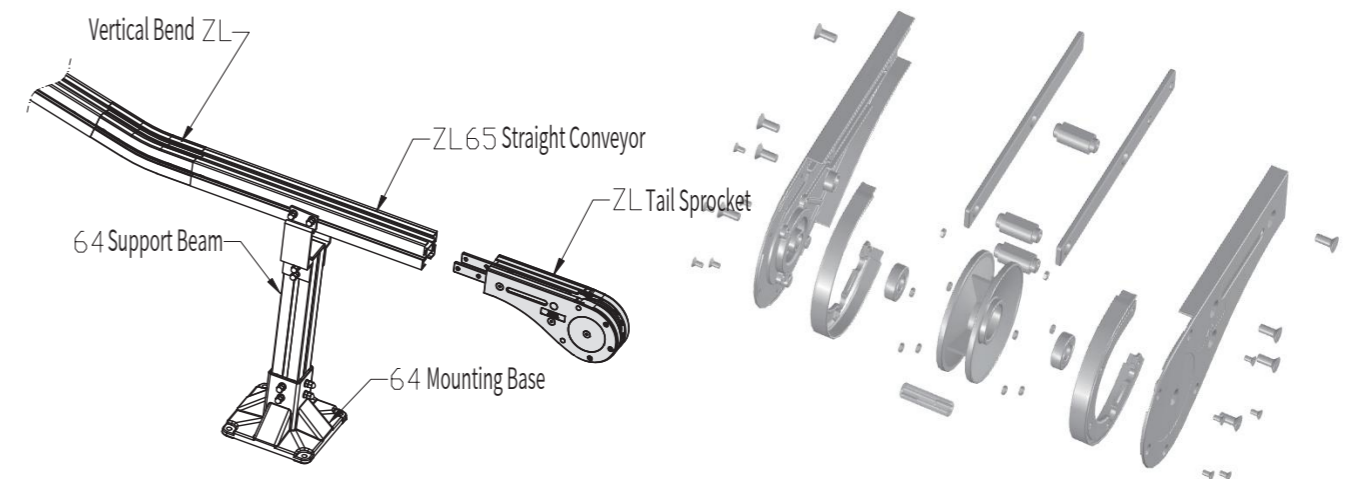
Actual path: 720mm
Match sprocket teeth: 16 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	2.15

ZL63



ZL63

ZL63

ZLEJ63-9T

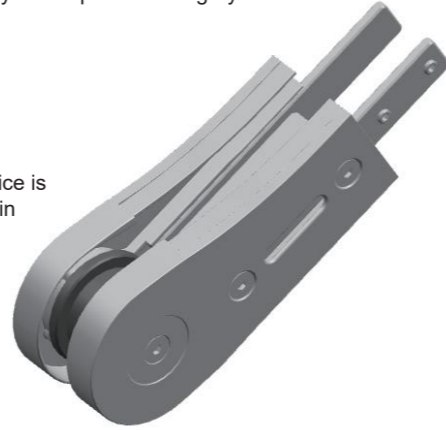
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.

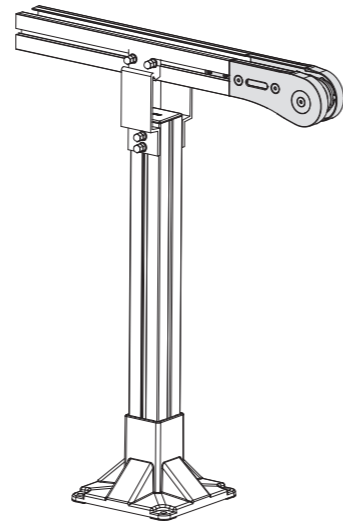
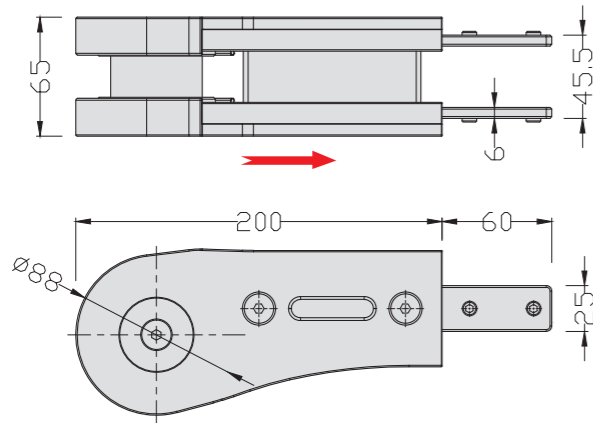


Actual path: 430mm.
Match sprocket teeth: 9 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



With a smaller tail diameter, it can fit into narrower spaces.



Material/Color						Reference Weight
Main Machine	Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	KG
6061 Spray-painted gray	Stainless Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	1.30

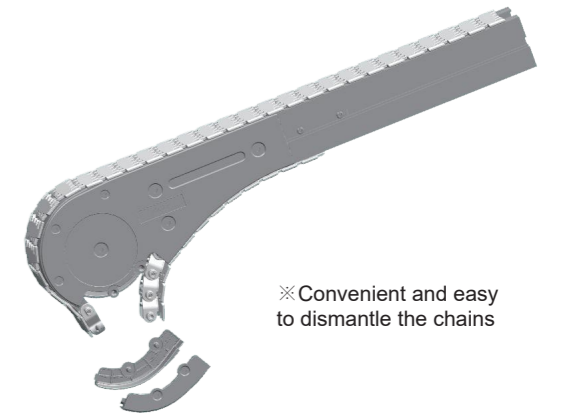
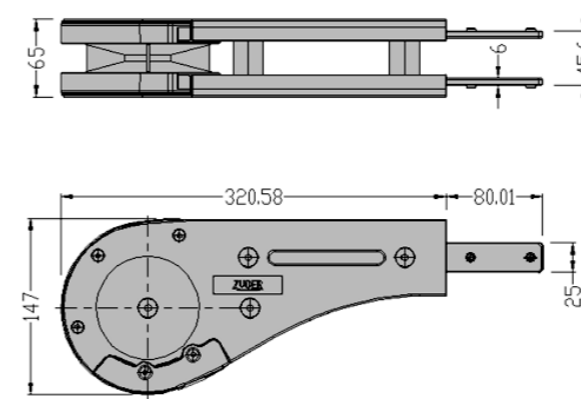
Split tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.

ZLEJ63FT

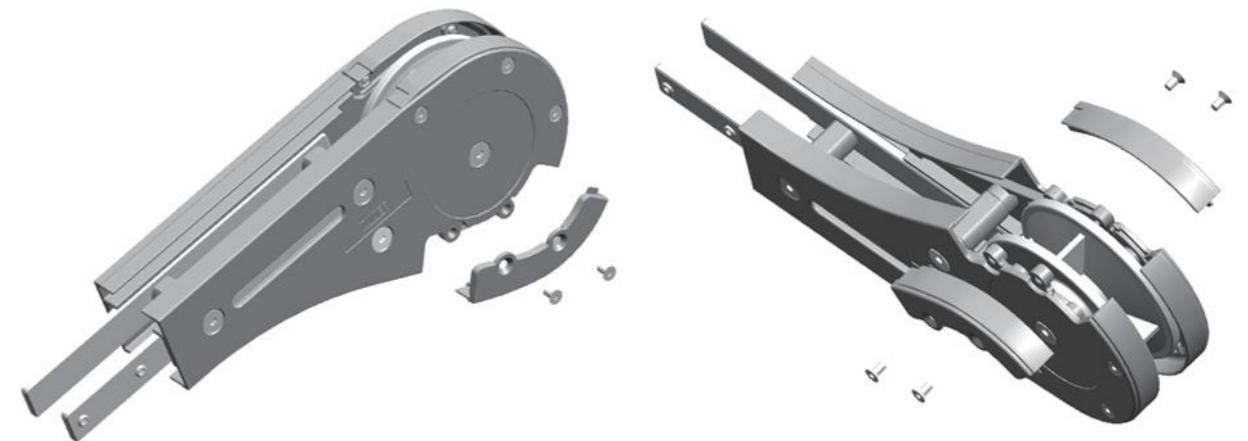
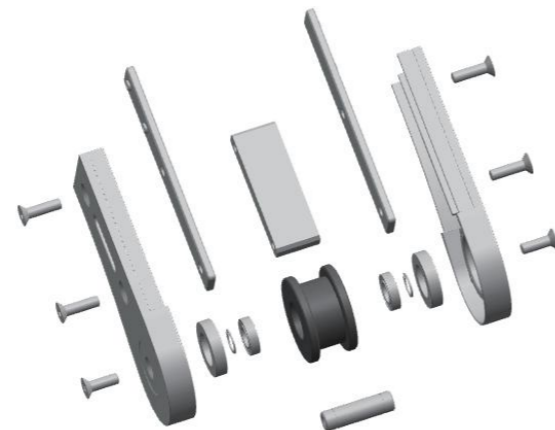
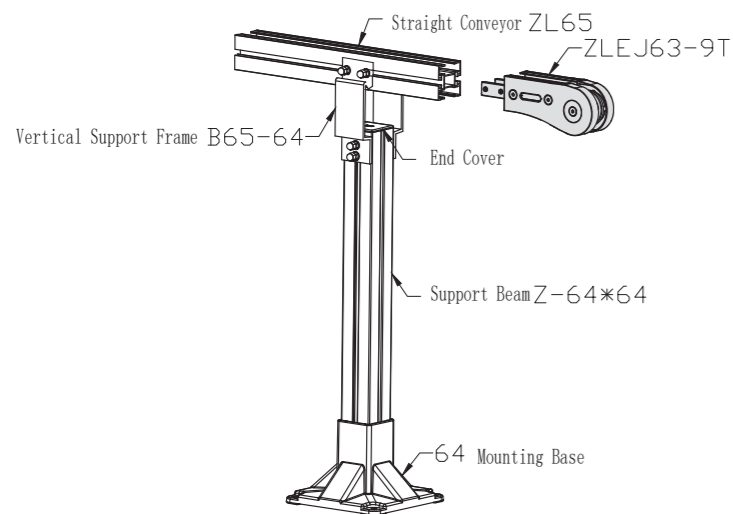


The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.



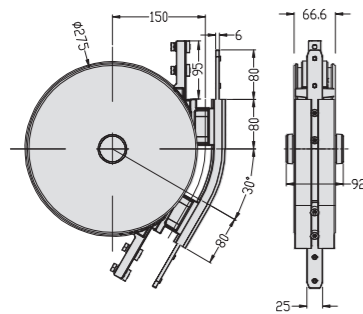
※ Convenient and easy to dismantle the chains

Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	2.15



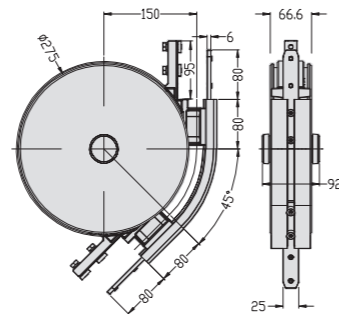
The horizontal guide roller bend can change the direction of the conveying device horizontally while minimizing friction. The bend is designed to extend the lifespan and minimize friction. Each roller is supported by two sealed ball bearings. On certain conveying sections of the products, the use of 90° bend fittings is prohibited. In such cases, the change of direction can be achieved using two 45° or three 30° bend fittings.

ZLBH30R150



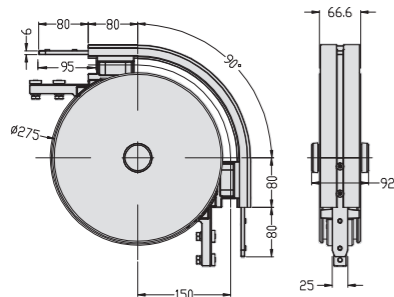
Actual path length: single rail 240mm (Double Rail 480mm)

ZLBH45R150



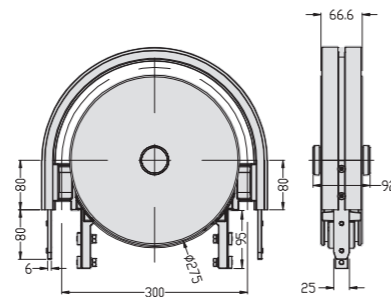
Actual path length: single rail 280mm (Double Rail 560mm)

ZLBH90R150



Actual path length: single rail 396mm (Double Rail 792mm)

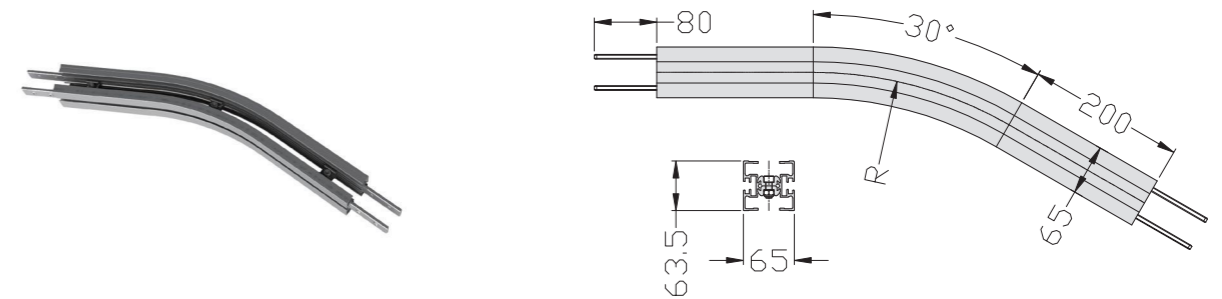
ZLBH180R150



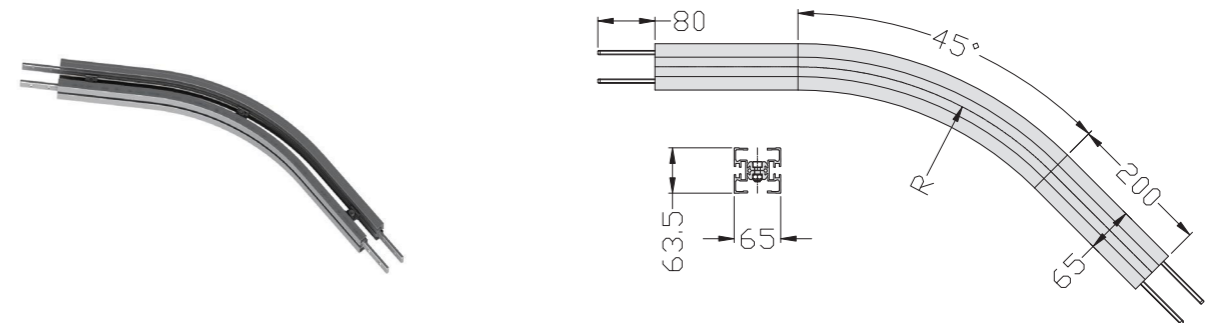
Actual path length: single rail 616mm (Double Rail 1232mm)

Material/Color						Reference Weight
Curve Rail	Bracket	Disk	Shaft Material can be optional	Fastener	Connecting Strip	KG
6063 Silver	ADC12 Silver	PA6+GF Black/Gray	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	3.40

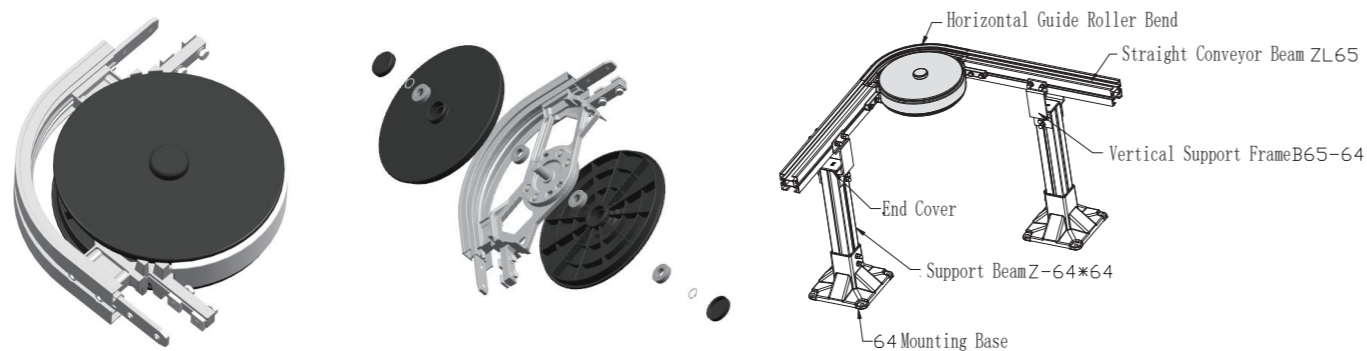
Standard Horizontal Bend ZL63



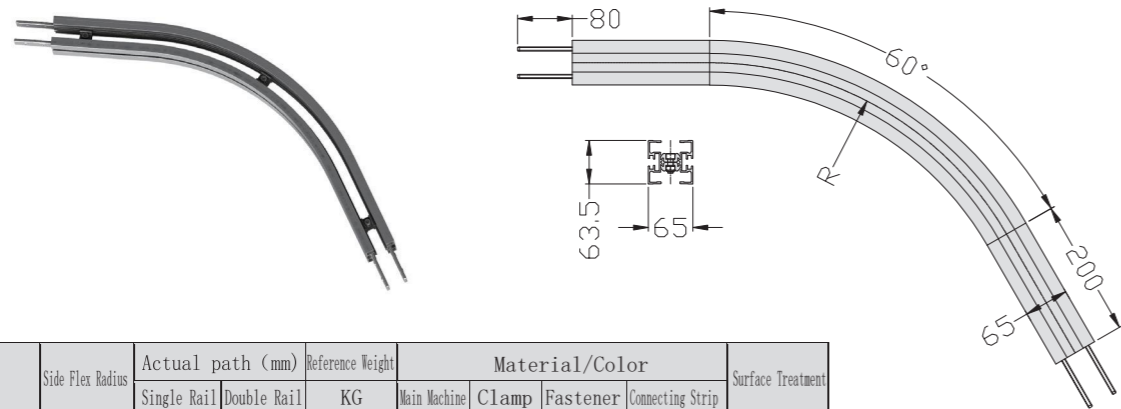
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZLBP30R500	R500	662	1324	2.15	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP30R700	R700	766	1532	2.35	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP30R1000	R1000	923	1846	2.71	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



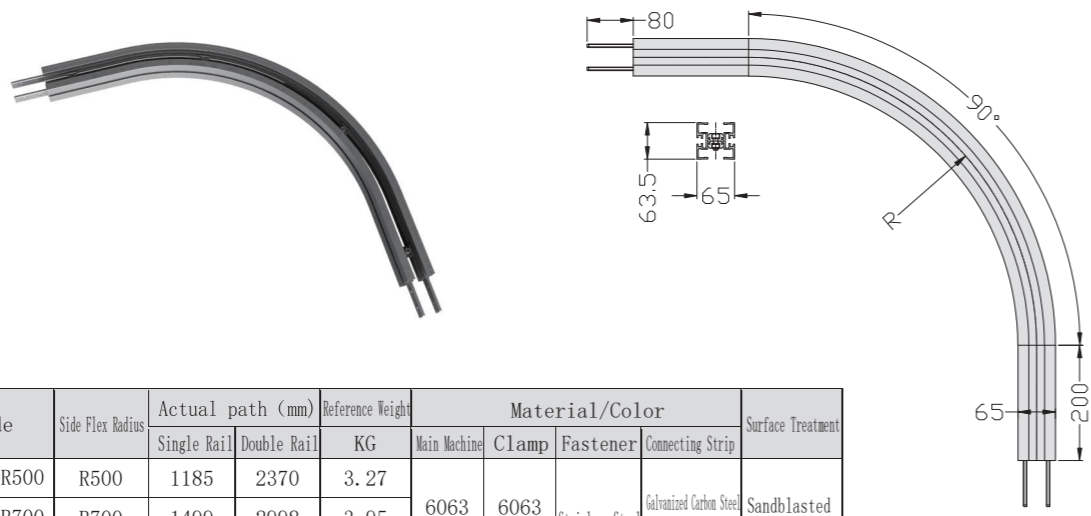
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZLBP45R500	R500	793	1586	2.41	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP45R700	R700	950	1900	2.75	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP45R1000	R1000	1185	2370	3.27	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



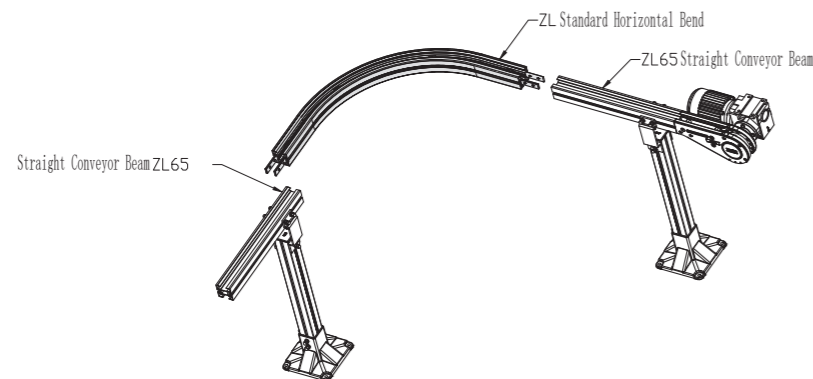
Standard Horizontal Bend ZL63



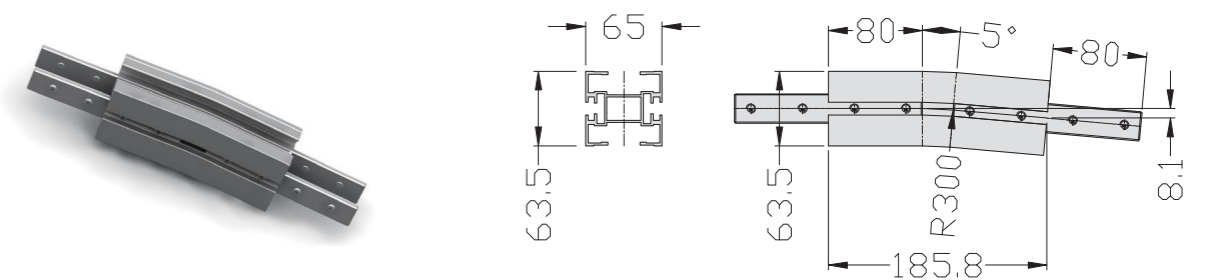
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZLBP60R500	R500	924	1848	2.71	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP60R700	R700	1133	2266	3.17					
ZLBP60R1000	R1000	1447	2894	3.85					



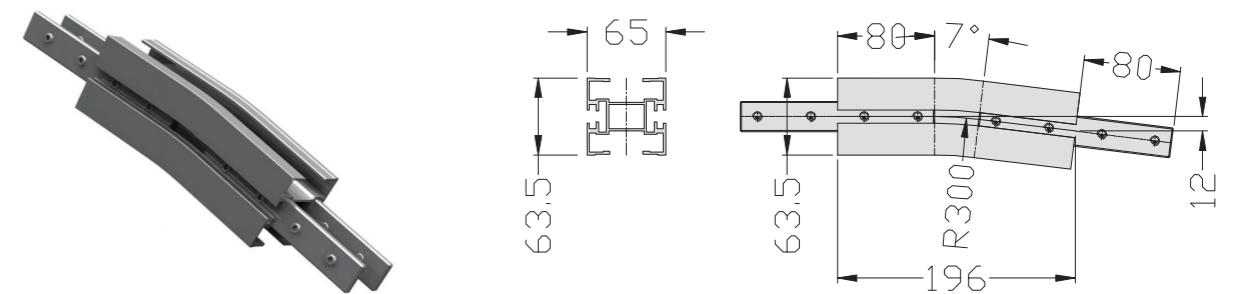
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZLBP90R500	R500	1185	2370	3.27	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZLBP90R700	R700	1499	2998	3.95					
ZLBP90R1000	R1000	1970	3940	4.32					



Vertical Bend ZL63



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZLBV5R300	R300	190	380	1.14	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

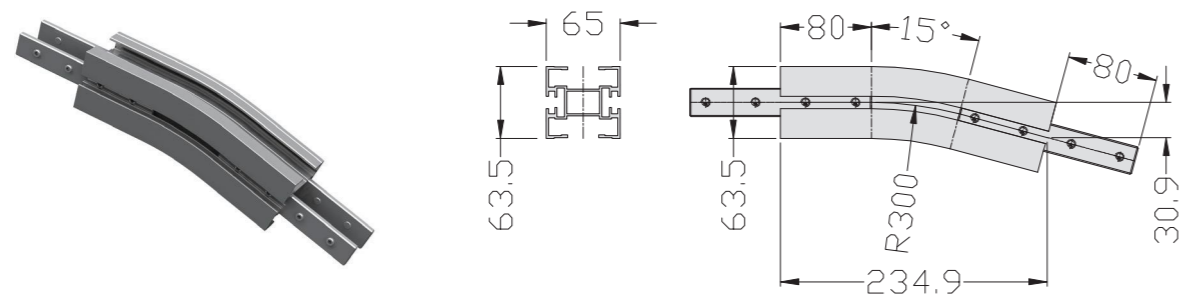


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZLBV7R300	R300	200	400	1.18	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

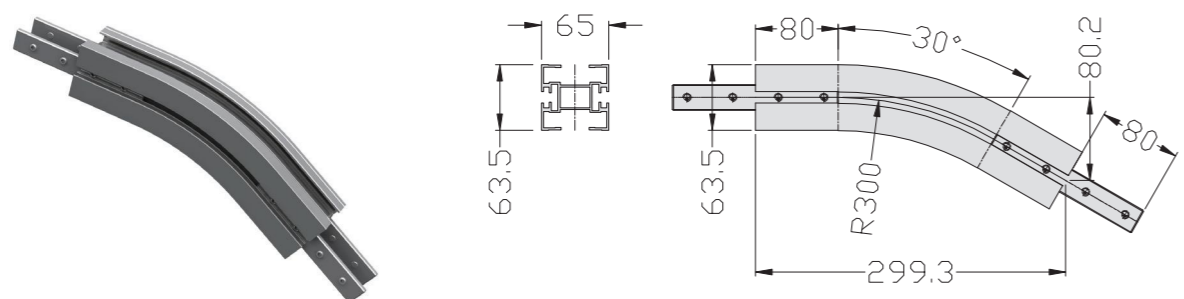


Note: For illustration angles that can be changed, it is advisable to select integer angles as much as possible. The minimum variable Side Flex Radius is R300.

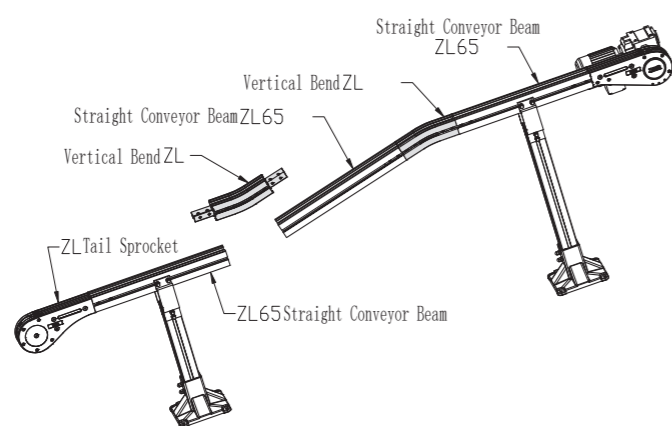
Vertical Bend ZL63



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZLBV15R300	R300	245	490	1.26	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

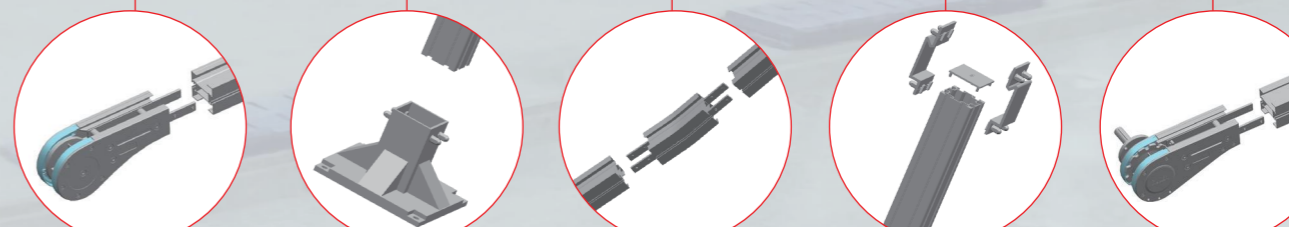
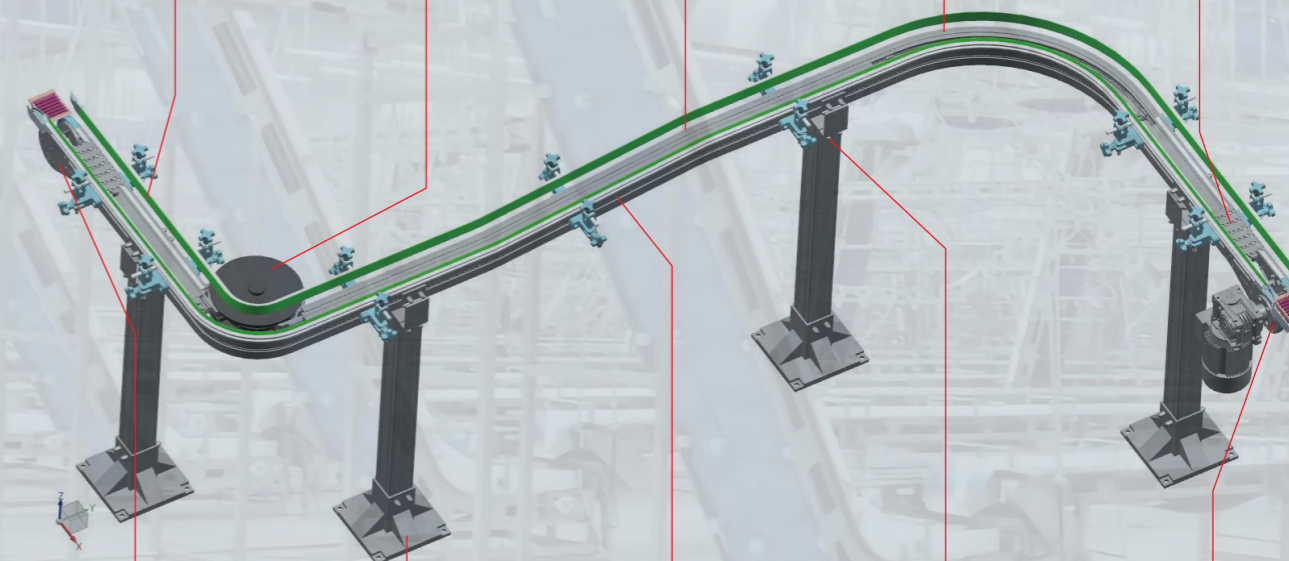
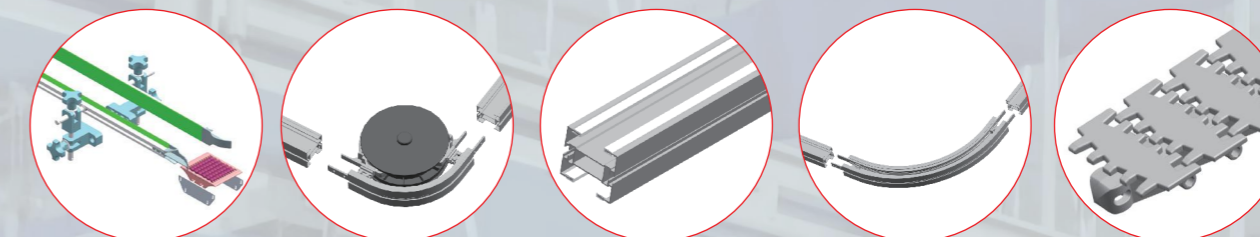


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZLBV30R300	R300	326	650	1.34	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



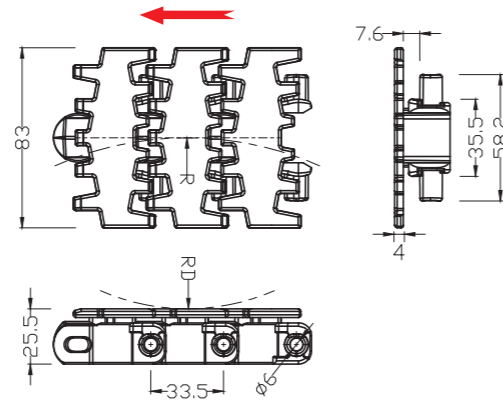
Note: For illustration angles that can be changed, it is advisable to select integer angles as much as possible. The minimum variable Side Flex Radius is R300.

Guide Rail Component Bend Straight Conveyor Beam Standard Horizontal Bend Conveyor Chain



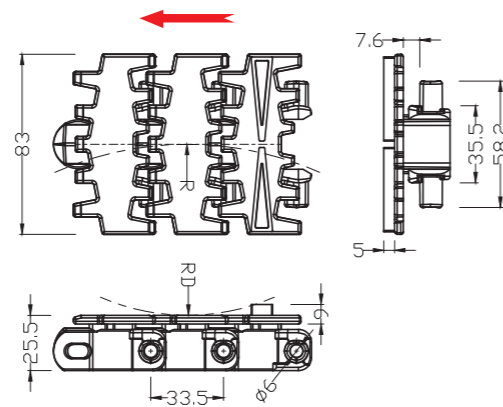
Tail Sprocket Mounting Base Vertical Bend Support Structure Drive

ZM83A Tooth Chain



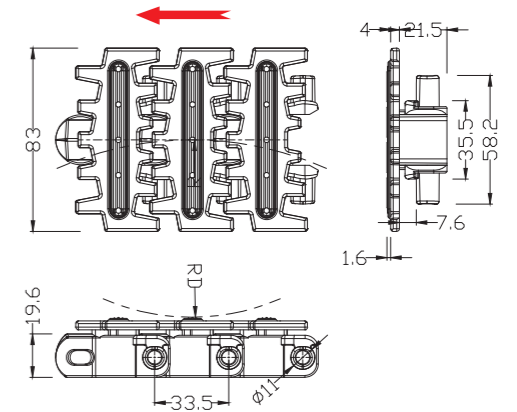
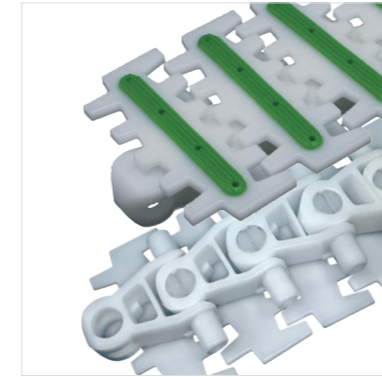
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83A	83	1.23	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Widely used. Such as ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, paint cans and socks, etc.	
33.5	6	SUS	RD100		

ZM83B Tooth Chain



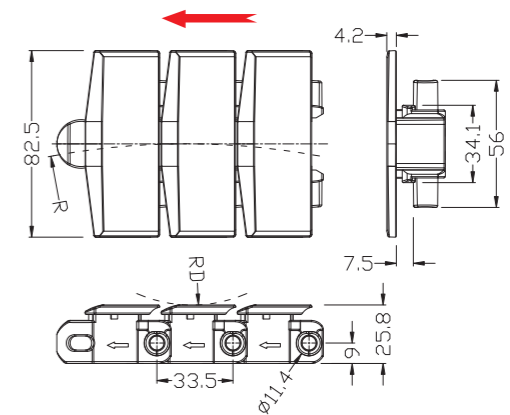
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83B	83	1.3	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Widely used. Such as ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, paint cans and socks, etc.	
33.5	6	SUS	RD110		

ZM83C Chain Guide



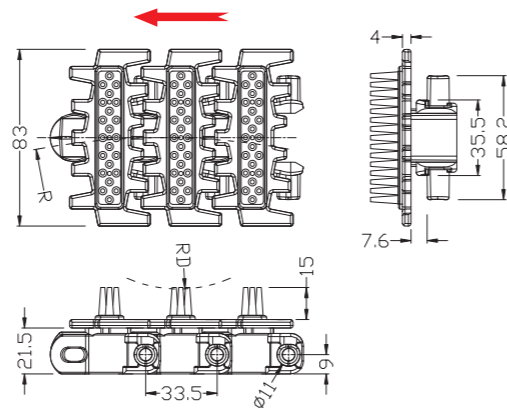
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83C	83	1.48	R150	POM+TPU	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
33.5	6	SUS	RD120		

ZM83P Tabletop Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(千克/米)	mm		N(21°C)
ZM83P	82.5	1.25	R240	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Widely used. Such as ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, paint cans and socks, etc.	
33.5	6	SUS	RD140		

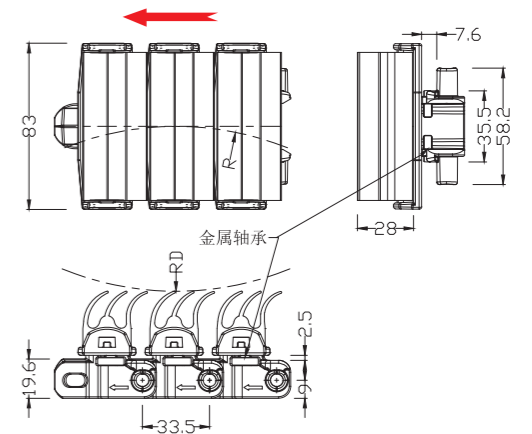
ZM83JP Gripper Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83JP	83	1.45	R150	POM+TPU70	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. Suitable for transporting products such as glass and plastic bottles, soda cans, and cardboard boxes. Two sets of transmission devices with elastic column chains are installed facing each other to form a vertical lateral transmission device.	
33.5	6	SUS	RD75		

ZM83

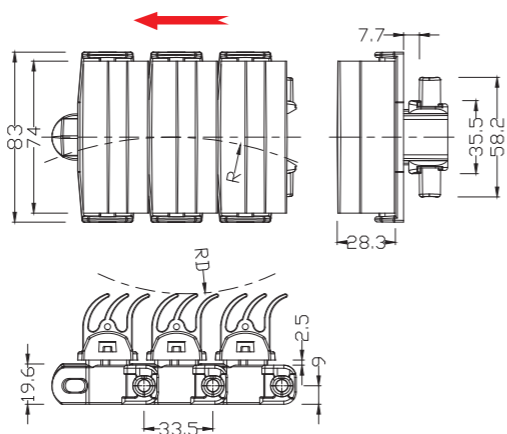
ZM83-G3-SP Low resistant gripper chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZM83-G3-SP	83	1.62	R150	POM+TPU85	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. Suitable for transporting products such as glass and plastic bottles, soda cans, and cardboard boxes. Two sets of transmission devices with elastic column chains are installed facing each other to form a vertical lateral transmission device.	
33.5	6	SUS	RD150		

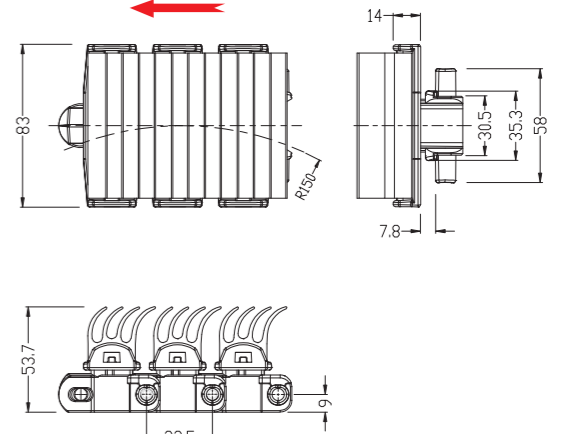
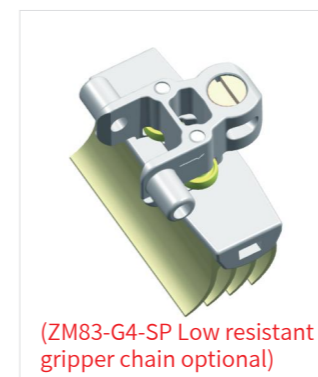
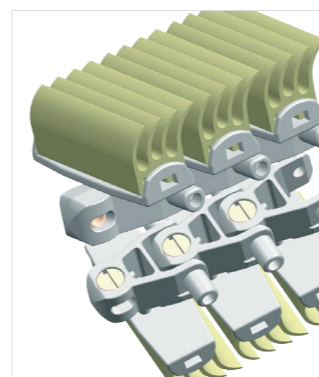
ZM83

ZM83-G3 Gripper Chain



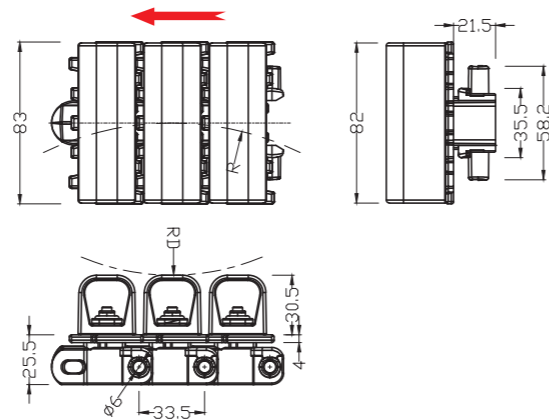
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83-G3	83	1.62	R150	POM+TPU85	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. Suitable for transporting products such as glass and plastic bottles, soda cans, and cardboard boxes. Two sets of transmission devices with elastic column chains are installed facing each other to form a vertical lateral transmission device.	
33.5	6	SUS	RD150		

ZM83-G4 Gripper Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83-G4	83	1.70	R150	POM+TPU85	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. Suitable for transporting products such as glass and plastic bottles, soda cans, and cardboard boxes. Two sets of transmission devices with elastic column chains are installed facing each other to form a vertical lateral transmission device.	
33.5	6	SUS	RD100		

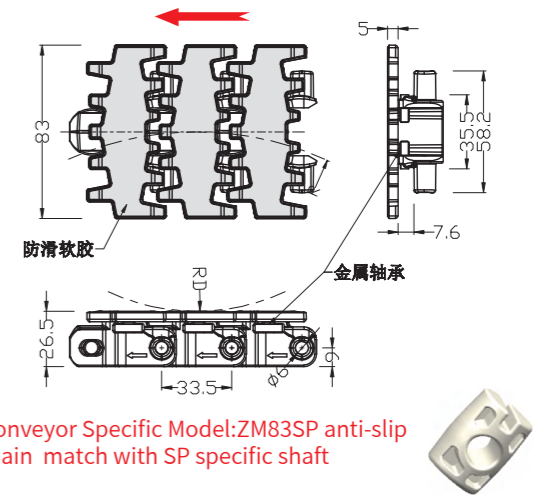
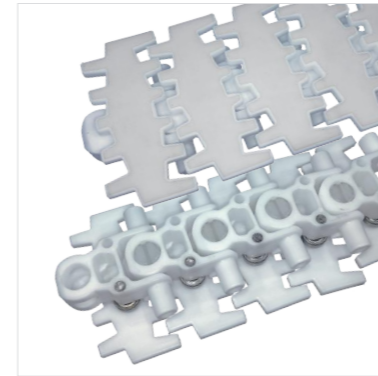
ZM83D Gripper Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83D	83	2.2	R150	POM+SI65	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. Suitable for transporting products such as glass and plastic bottles, soda cans, and cardboard boxes. Two sets of transmission devices with elastic column chains are installed facing each other to form a vertical lateral transmission device.	
33.5	6	SUS	RD120		

ZM83

ZM83PJ Chain Guide

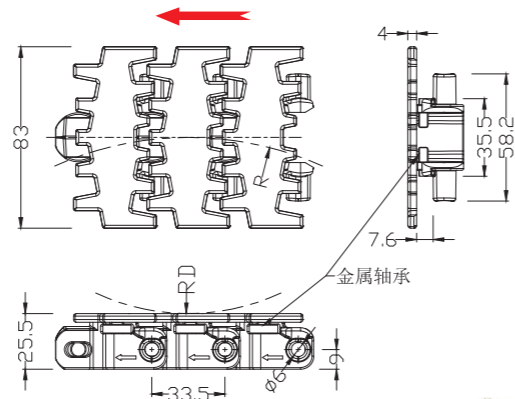
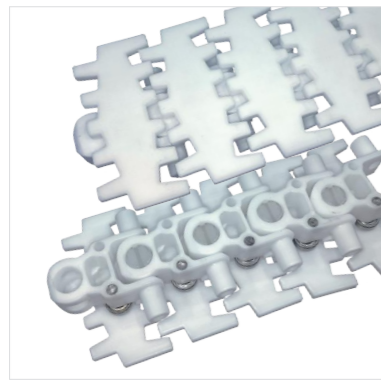


Spiral Conveyor Specific Model: ZM83SP anti-slip spiral chain match with SP specific shaft

Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83PJ	83	1.33	R150	POM+TPU70	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable. On both sides, it can be stably equipped with metal bearings, which is suitable for longer-distance transportation or for use with spiral elevations.	
33.5	6	SUS	RD100		

ZM83

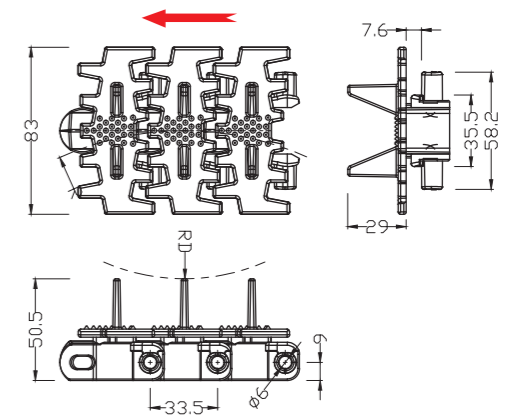
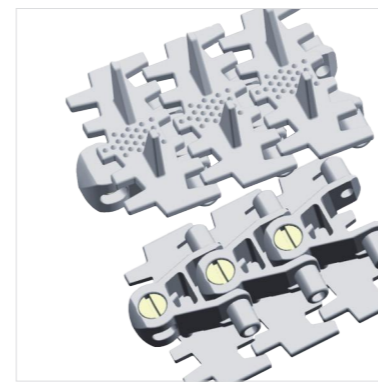
ZM83AR Side Flex Chain



Spiral Conveyor Specific Model: ZM83SP anti-slip spiral chain match with SP specific shaft

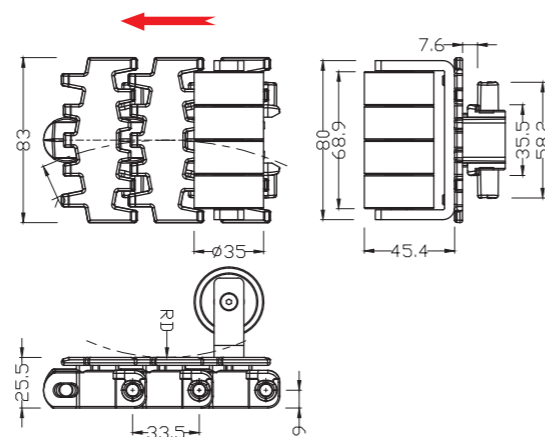
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83AR	83	1.32	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Bearing can be optional: left/right/left right. Suitable for longer distance conveying or spiral elevator usage.	
33.5	6	SUS	RD100		

ZM83V Wedge Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83V	83	1.31	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The wedge chain is used for the vertical or steeply inclined transmission rail. It has various heights and shapes. Select the wedge shape based on the shape of the transported goods.	
33.5	6	SUS	RD65		

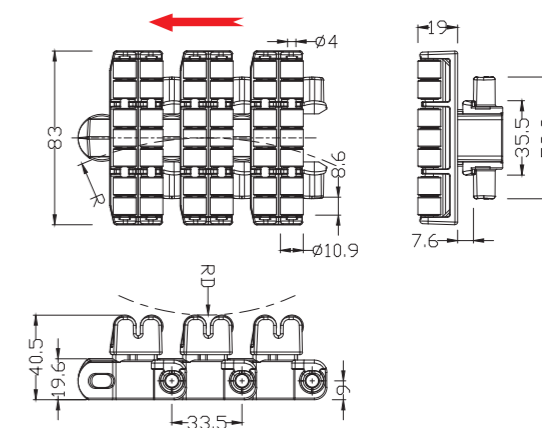
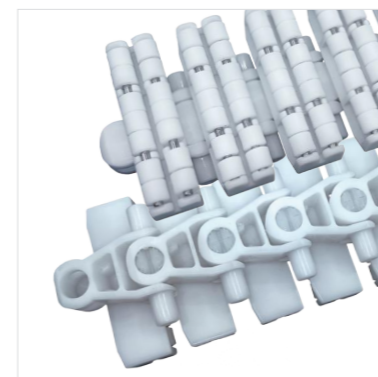
ZM83GL Roller Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83GL	83	2.00	R150	POM+TPU70	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Suitable for box frame blocking, lifting and lowering, and conveying. The rollers can prevent the conveyed items from being scratched. Select the appropriate wheel spacing according to the size of the conveyed material.	
33.5	6	SUS	RD120		

ZM83

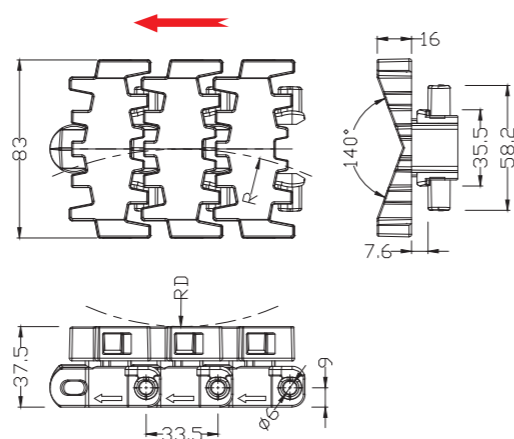
ZM83TR Ball Top Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83TR	83	1.9	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Suitable for products such as boxes and Pallets in situations where they need to be stacked and conveyed. Reduce stacking pressure. Reduce the frictional resistance with the conveyed object. The top rollers are pressed into the top of the chain plate by metal rods.	
33.5	6	SUS	RD10		

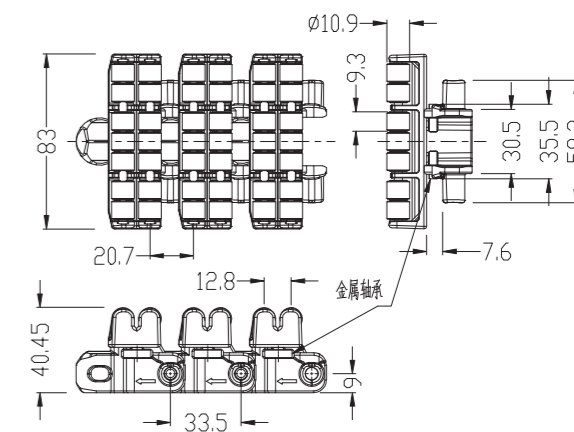
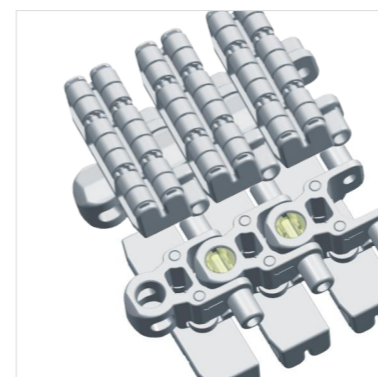
ZM83

ZM83VD V-type Chain



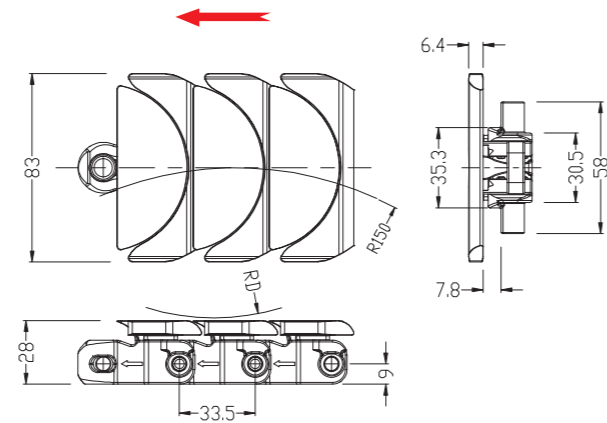
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83VD	83	1.35	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The special V-shaped loading block is designed to prevent side sliding and falling. Can ensure the centered positioning of the transported objects and be effective.	
33.5	6	SUS	RD110		

ZM83TR-SP Ball Top Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZM83TR-SP	83	2.1	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Suitable for products such as boxes and Pallets in situations where they need to be stacked and conveyed. Reduce the frictional resistance with the conveyed object. Side-mounted optional double-sided bearings are available, suitable for use in spiral conveyors.	
33.5	6	SUS	RD100		

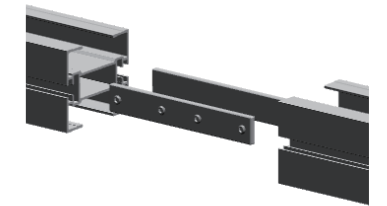
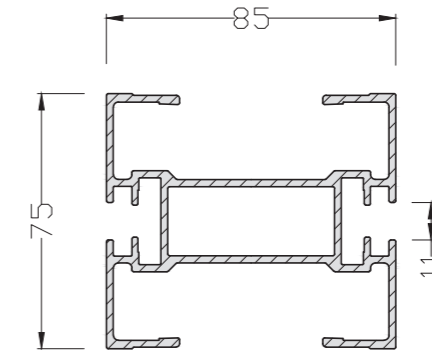
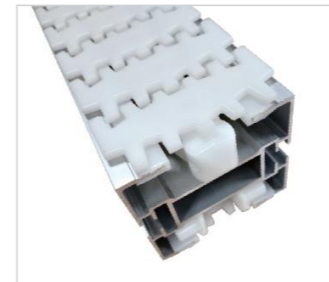
ZM83S Seamless Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N (21°C)
ZM83S	83	1.46	R150	POM	3800
Pitch (mm)	Pin diameter (mm)	Pin Material	Back Flex Radius (min) mm	Suitable for smooth transportation of smaller bottles and cans, etc. The supporting surface is large, which can prevent the rigid contact between the support surface and the bottom of the conveyed object. During the turning conveyance, the gap does not change in size.	
33.5	6	SUS	RD80		



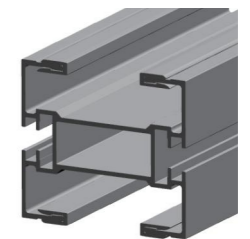
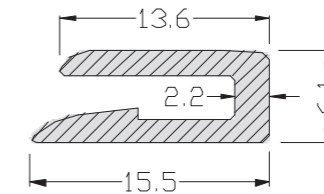
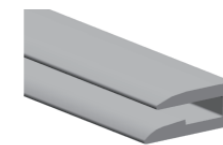
Straight Conveyor Beam: ZM85



Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZM85	Silver	6063	Sandblasted oxidation	ZM83Series	3m/6m	2.48KG/M

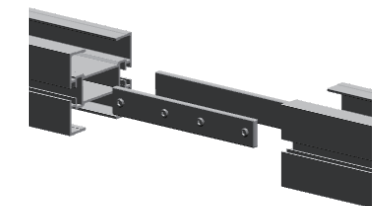
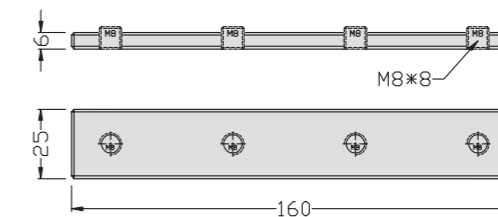
Wear Strip: W45-1

Adaptive Conveyor Beam



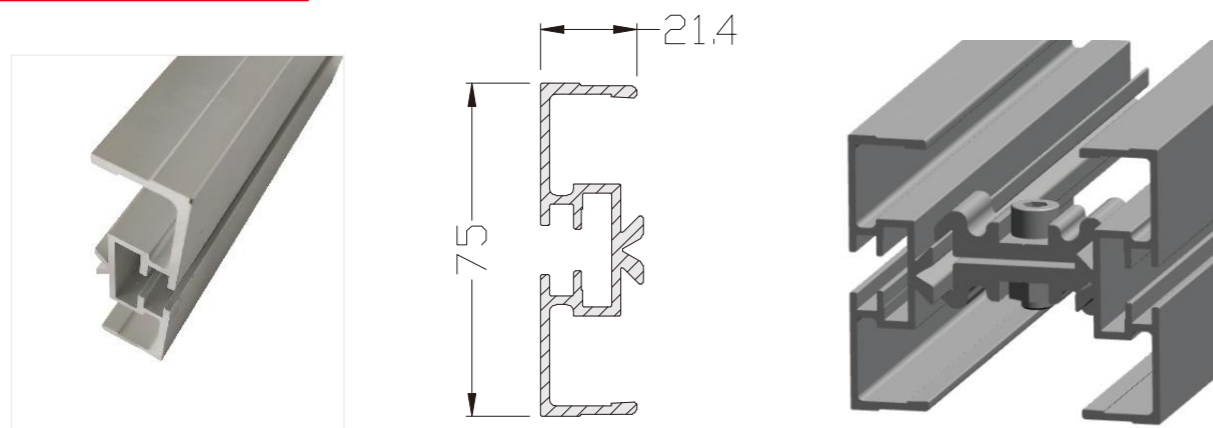
Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50m/roll	50g/m

Strip Z-160-25 with location screw



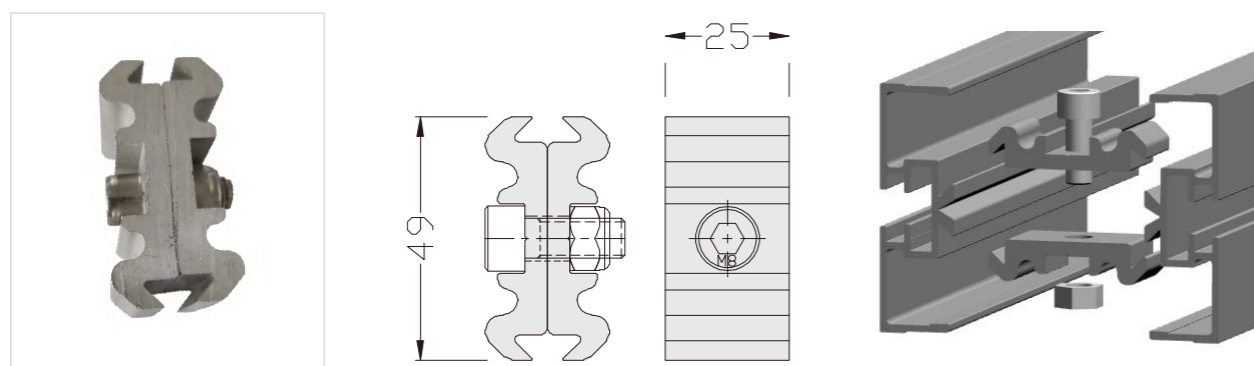
Code	Color	材质可选	Adaptive Conveyor Beam	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.12KG/M including 4 setscrew

Horizontal Half Beam ZMB85



Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZMB85	Silver	6063	Sandblasted oxidation	3m/6m	1.1KG/M

Clamp ZMJ85



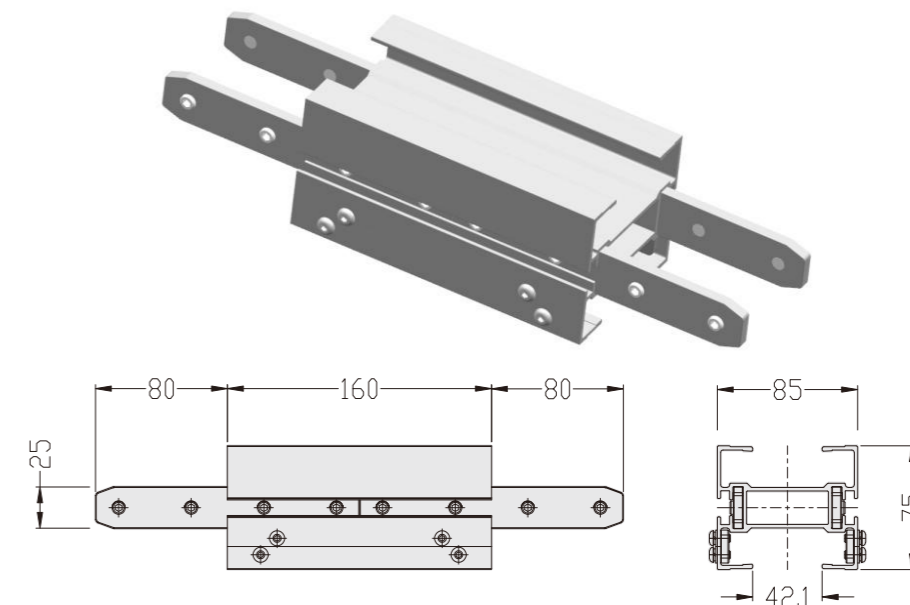
Code	Color	Material	Surface Treatment	Fastener	Reference Weight
ZMJ85	Silver	6063	Sandblasted oxidation	stainless steel	65g

※ Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.



Split Connecting Beam

ZMCC160



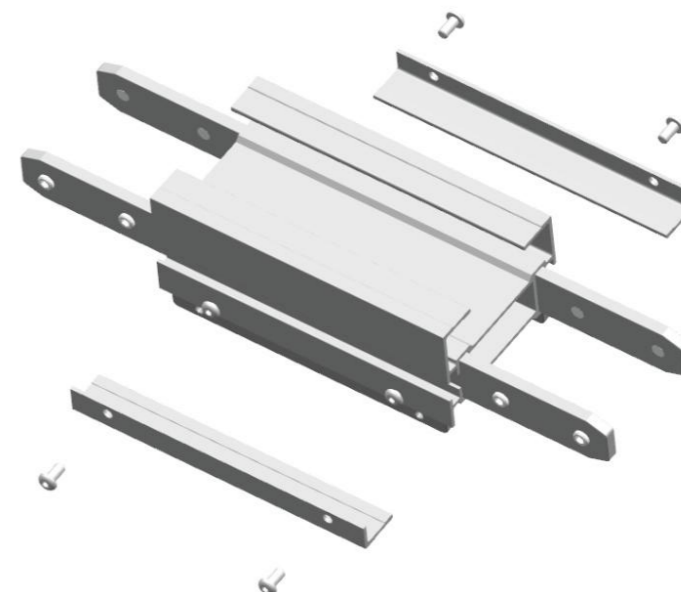
Main Machine	Material/Color		Reference Weight
	Strip material optional	Fastener	
6063	Galvanized Carbon Steel	Stainless Steel	1.41
Silver	Carbon Steel	Stainless Steel	

Suitable for installing and dismantling the conveying chain on the conveying rail section.

It needs to be placed at the connection point of the conveyor profiles.

Both sides are open for dismantling.

ZMEB83-9T End drive Assembly and tail Sprocket are enclose structure, so there must equip split Connecting Beam for dismantling.



The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

Technical Parameters

Width	pitch	Drive	kN	Max Length	Max Loading	linear speed
83mm	33.5mm	9Teeth/12Teeth	1250N	15M	200KG	5-60m/min

ZMEB83-9T

enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

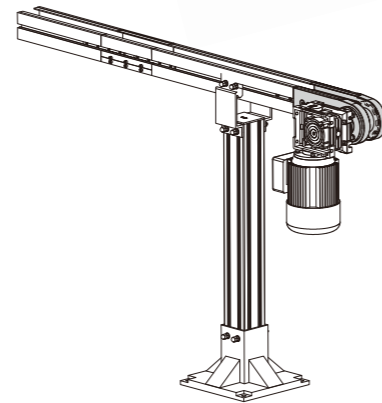
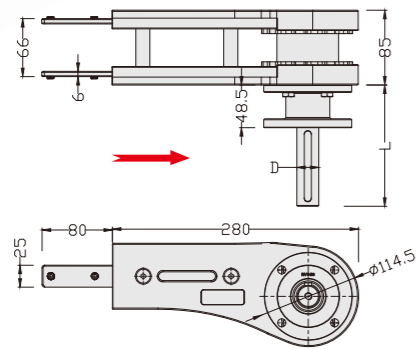
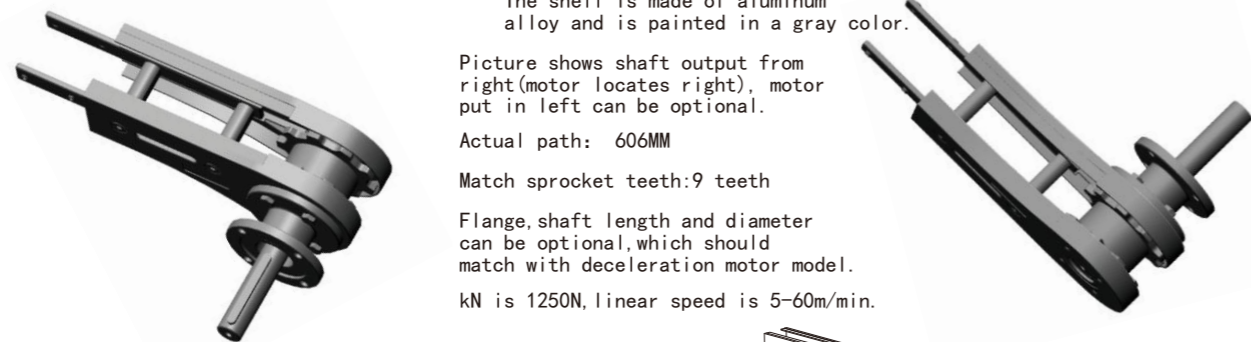
Picture shows shaft output from right (motor locates right), motor put in left can be optional.

Actual path: 606MM

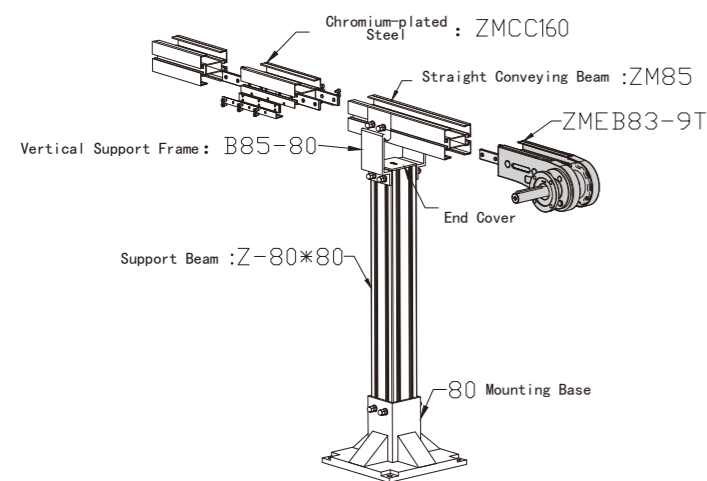
Match sprocket teeth:9 teeth

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

kN is 1250N, linear speed is 5-60m/min.



Material/Color							Reference Weight
Main Machine	Flange	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	KG
6061 Spray-painted gray	ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	3.30



ZMEB83-12T

enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

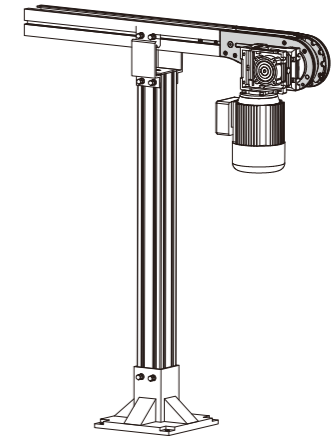
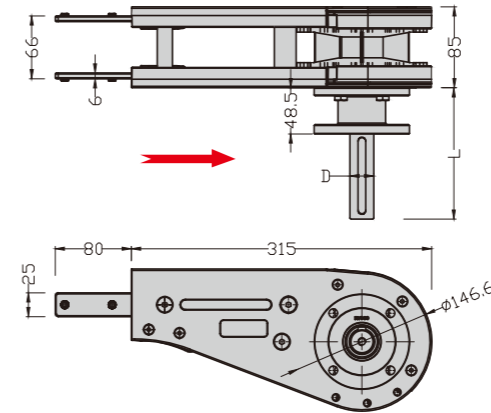
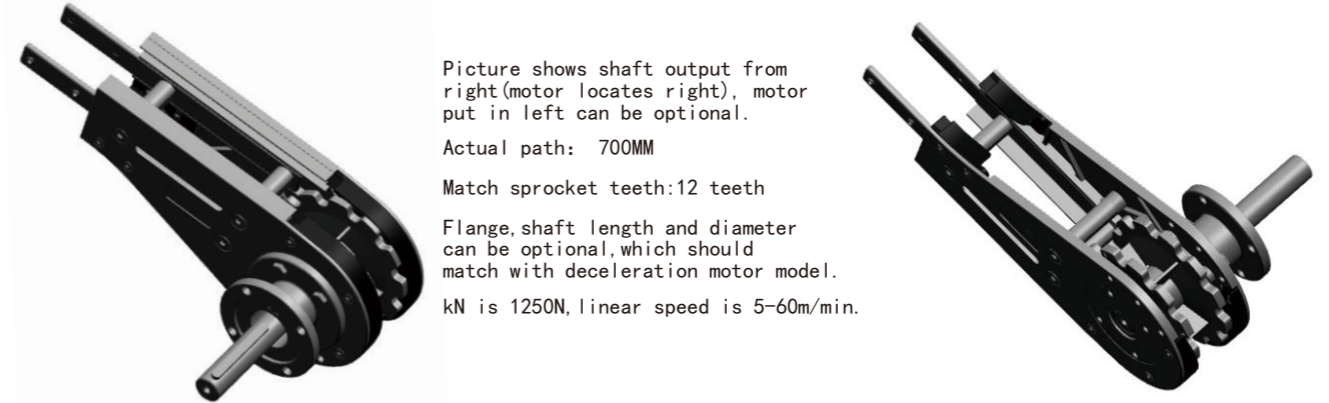
Picture shows shaft output from right (motor locates right), motor put in left can be optional.

Actual path: 700MM

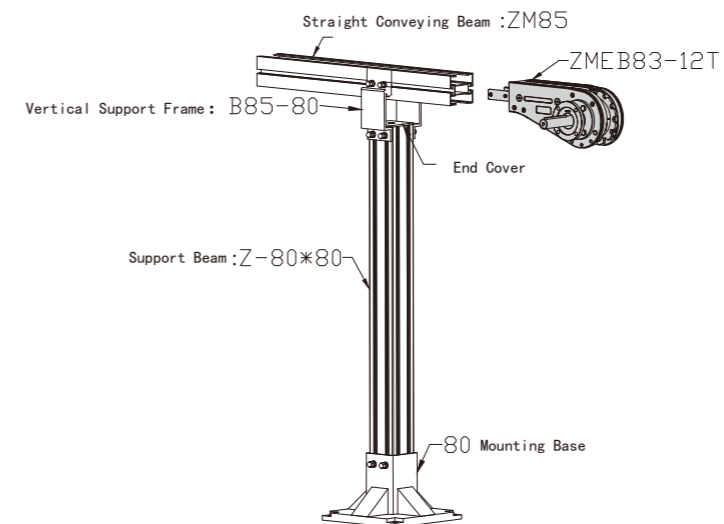
Match sprocket teeth:12 teeth

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

kN is 1250N, linear speed is 5-60m/min.



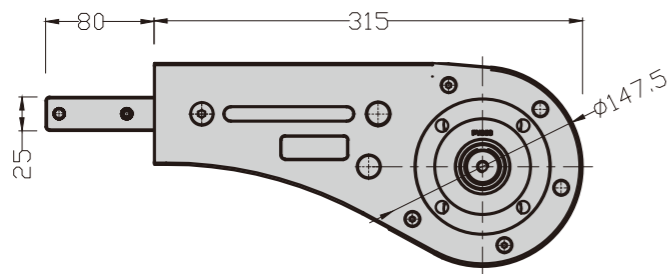
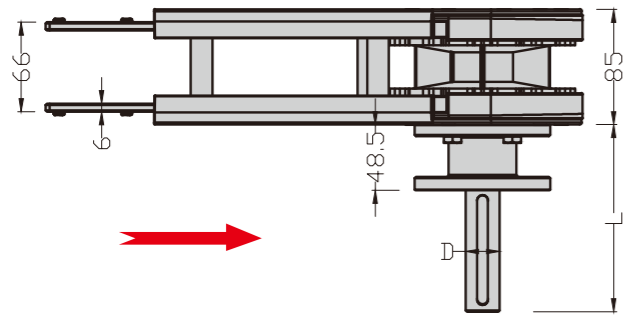
Material/Color							Reference Weight	
Main Machine	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.72



ZMEB83-12TQB

enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional.

Actual path: 606MM

Match sprocket teeth: 9 teeth

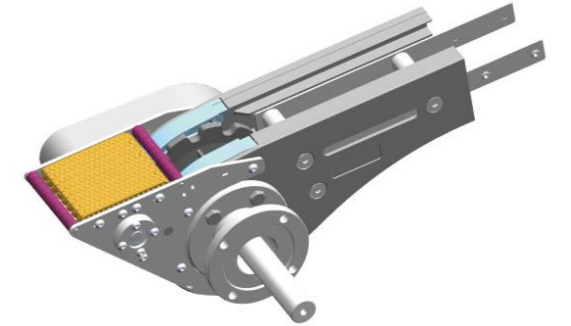
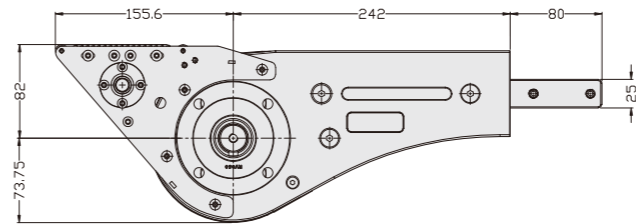
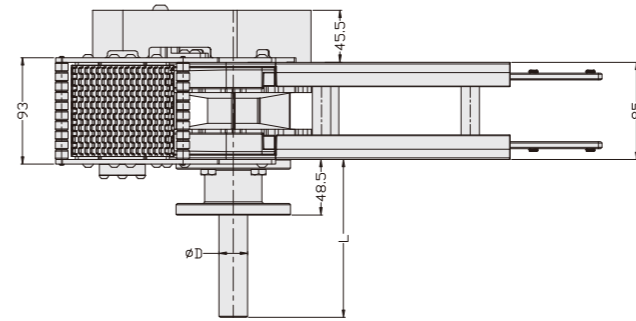
Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

kN is 1250N, linear speed is 5-60m/min.

Material/Color								Reference Weight
Main Machine	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.72

ZMEB83GD

Damper



Picture shows shaft output from right (motor locates right), motor put in left can be optional.

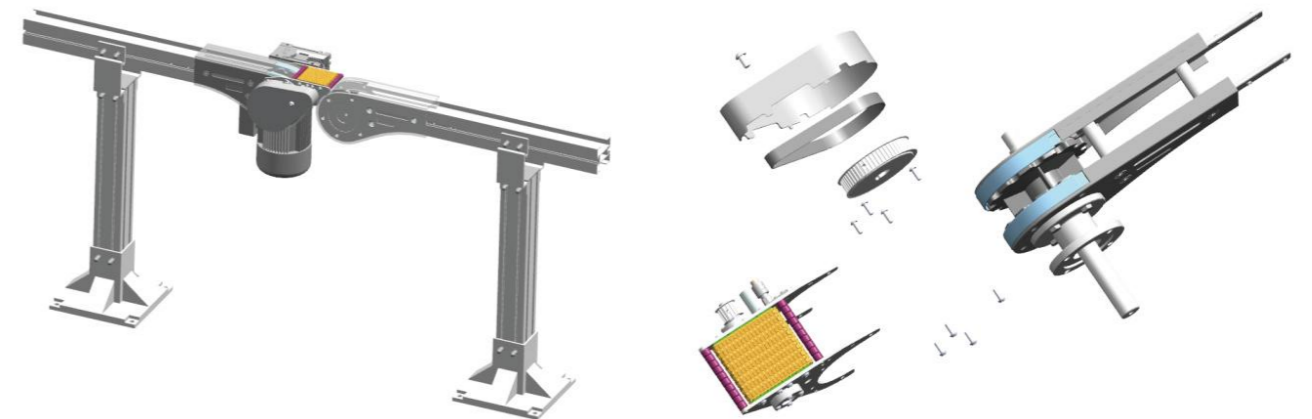
Match sprocket teeth: 9 teeth

Flange, shaft length and diameter can be optional

The effective size of the conveyed object should be larger than 85mm, with the center of gravity positioned centrally, and the speed should be greater than 5 meters per minute.

Power assembly Material/Color							Reference Weight
Main Machine	Flange	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	KG
6061 Spray-painted gray	ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	3.72

Damper Material/Color								Reference Weight
Side Plate	Timing Belt	Axis	Sprocket	Timing Wheel	Transfer Zone	Fastener	Bearing	KG
Stainless Steel drawing Process	Black rubber	Stainless Steel	6061 Silver	6061 Natural Oxidation	POM Deep Gray	Stainless Steel	Bearing Steel	1.65



The dual-drive device is arranged at one end of the transmission device during design. The reduction motor connects the two drive units together through a common shaft. The motor can be positioned on the left, right, or center. Note that the load between the two conveyor devices should be distributed as evenly as possible.

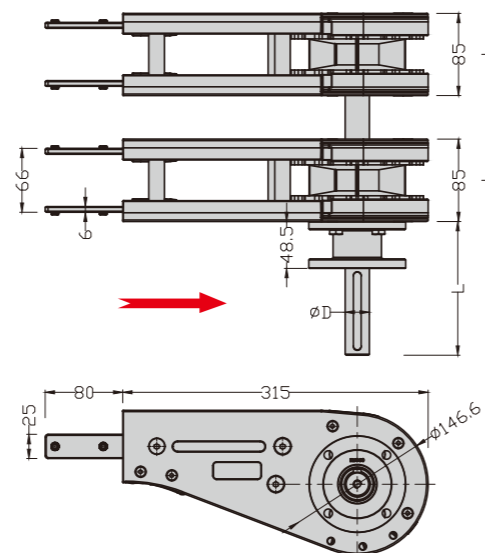
Technical Parameters

Category	pitch	Drive Tooth	kN	linear speed	Actual path	Distance between the two drive centers A
ZM83	33.5mm	12Tooth	2500N	5-60m/min	700mm	86or130-350

ZMEB83-S

Semi-enclosed dual-drive device

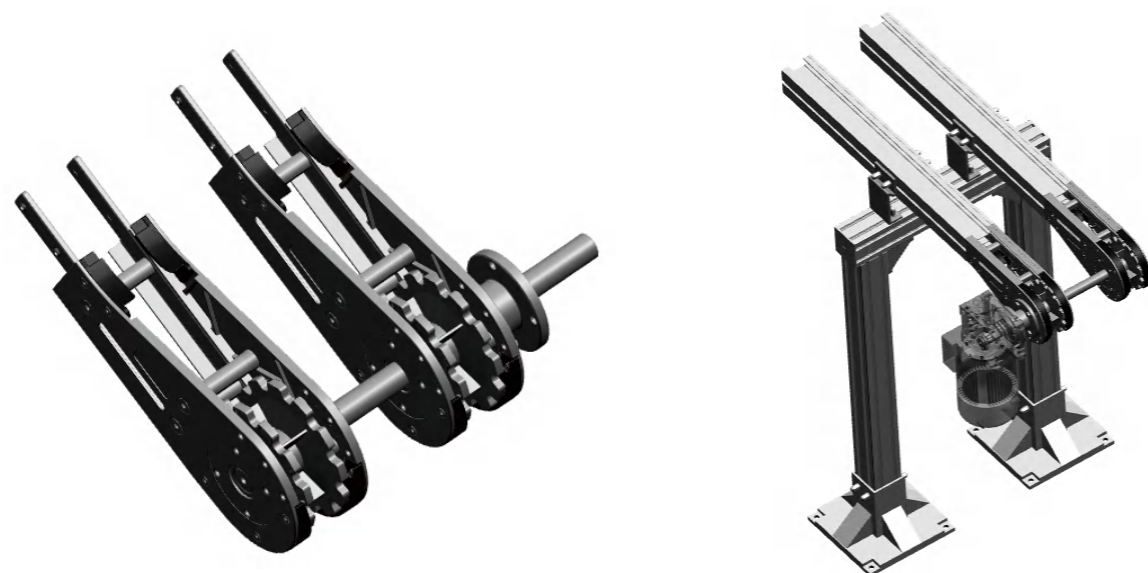
The shell is made of aluminum alloy and is painted.



※Flange, shaft length and diameter can be optional, which should match with deceleration motor model..

※ Picture shows shaft output from right (motor locates right), match with all in one tail sprocket.

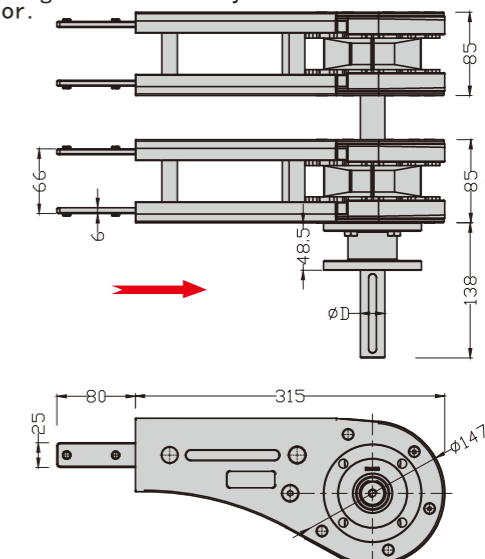
Material/Color								Reference Weight
Main Machine	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.72



enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

The shell is made of casting aluminum alloy and is painted in a gray color.



※Flange, shaft length and diameter can be optional, which should match with deceleration motor model..

※ Picture shows shaft output from right (motor locates right), match with all in one tail sprocket.

Material/Color								Reference Weight
Main Machine	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connector	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	3.72

ZMEB83Central-mounted dual-drive reduction motor



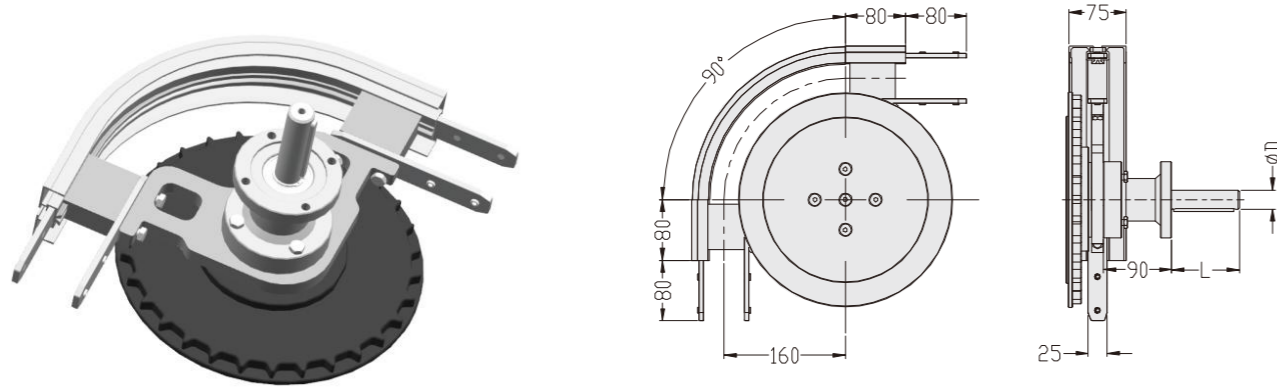
The horizontal rotary drive device is particularly suitable for circulating transport systems without a return chain. In this type of drive device, the drive wheel is a horizontal disc-type sprocket that meshes with the chain on the side, and the reduction motor drives the sprocket through an intermediate shaft, thereby driving the chain. Operating speed: 5-30 meters/minute. Note that the maximum traction of the horizontal rotary drive device is lower than that of the end drive device; see technical specifications.

Technical Parameters

Category	pitch	Number of teeth on the rotating disc	kN	linear speed	Drive category can be optional
ZM83	33.5mm	30	500N	5-30m/min	90° /180°

ZMEW83-90P

90° Horizontal rotary drive unit

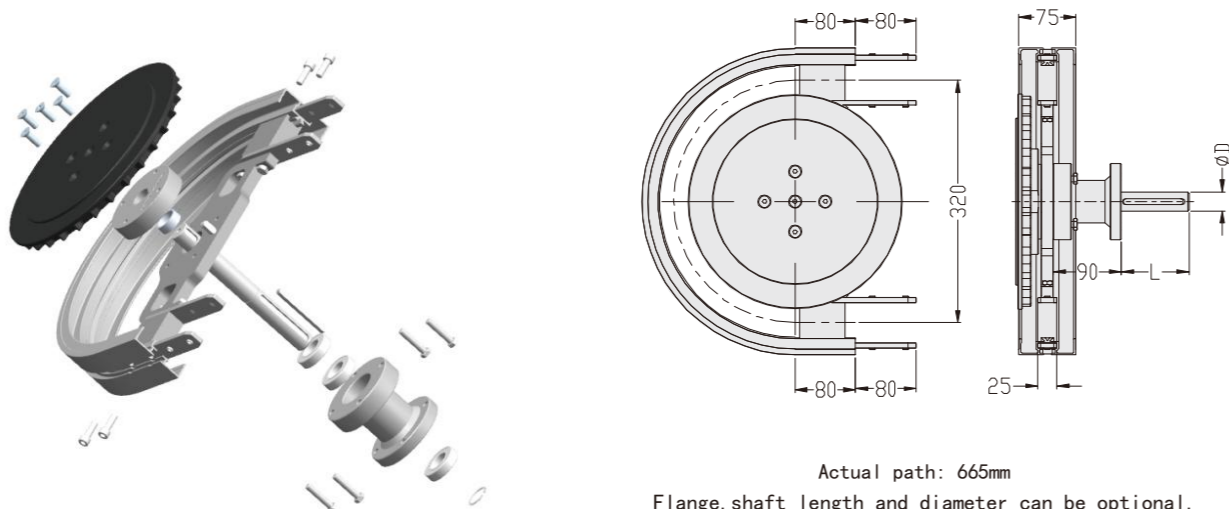


Actual path: 410mm

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

ZMEW83-180P

180° Horizontal rotary drive unit



Actual path: 665mm

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

Code	Material/Color								Reference Weight KG
	Main Machine	Bracket	Bearing Material can be optional	Flange	Disc	Bearing Material can be optional	Fastener	Connector	
ZMEW63-90P	6063	6061	Stainless Steel	6061	Nylon Black	Bearing Steel	Stainless Steel	Galvanized Carbon Steel	6.21
ZMEW63-180P	Silver	Silver	Chromium-plated Steel	Silver		Stainless Steel		Stainless Steel	6.52

The intermediate drive unit can be installed anywhere on the conveying device, and it is similar to the standard type of drive unit. When the space at the end is limited, the intermediate drive device can demonstrate its advantages.

Since the drive chain is operated on the return path of the conveyor belt, in systems equipped with an intermediate drive device, two tail wheel assemblies are required. To facilitate the loading and unloading of the chain, one of them is a split-type tail wheel assembly. To reduce friction, the driving device should be placed as close as possible to the rear wheel assembly at the front end.

>In a mid-drive system, only a limited portion of the chainwheel's circumference engages with the drive chain. Therefore, the traction limit of the mid-drive system is lower than that of the end-drive system. The operating speed is 5 - 25 meters per minute. Refer to the technical specifications.

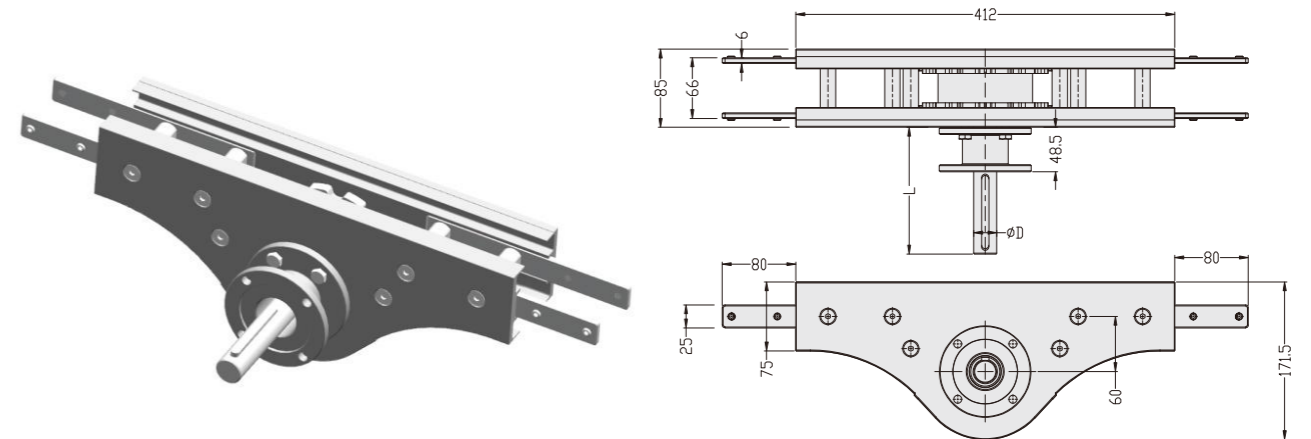
Technical Parameters

Category	pitch	Drive Tooth	kN	linear speed	Actual path
ZM83	33.5mm	12Tooth	2500N	5-25m/min	Double Rai890mm

ZMER83

Middle Drive Assembly

The shell is made of aluminum alloy and is painted in a gray color.



※Flange, shaft length and diameter can be optional, which should match with deceleration motor model..

※ match with the all in one tail sprocket and split tail sprocket. Each quips one.

Main Machine	Bearing Material can be optional	Material/Color					Reference Weight KG
		Flange	Sprocket	Bearing Material can be optional	Fastener	Connector	
6061 Spray-painted gray	Stainless Steel Chromium-plated Steel	ADC12 Spray-painted gray	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	5.90



All in one tail sprocket

Split tail sprocket

The tail wheel device includes a freewheel with a deep groove ball bearing. The purpose of the intermediate wheel device is to change the direction of the chain with minimal friction. The tail wheel device is installed at the conveyor inlet end; when used together with an intermediate drive device, a tail wheel device is installed at both the inlet and outlet ends.

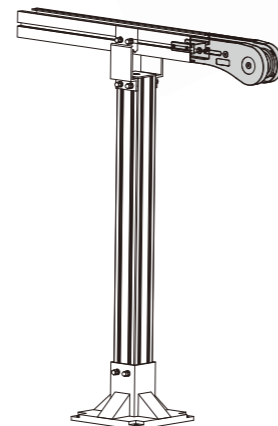
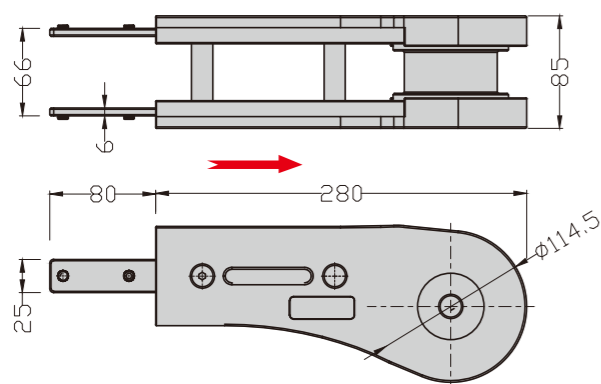
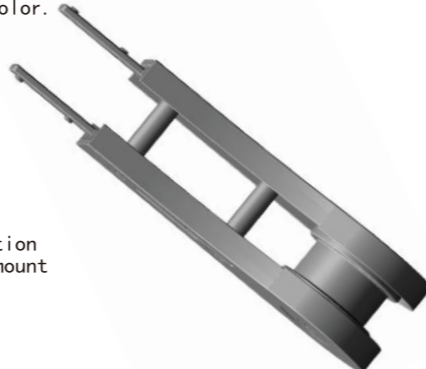
ZMEJ83-9T

The shell is made of aluminum alloy and is painted in a gray color.

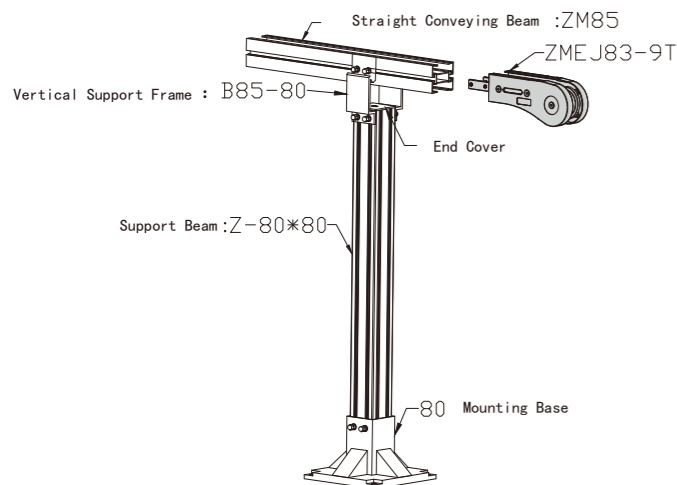
Actual path: 606MM

Match sprocket teeth:9 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight
Main Machine	Driven Shaft	Sprocket	Bearing Material can be optional	Fastener	Connector	KG
6061 Spray-painted gray	Stainless Steel	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	2.03



ZMEJ83-12T

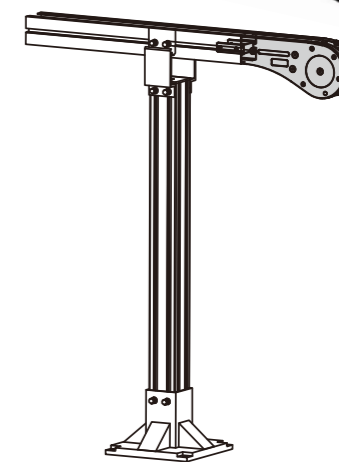
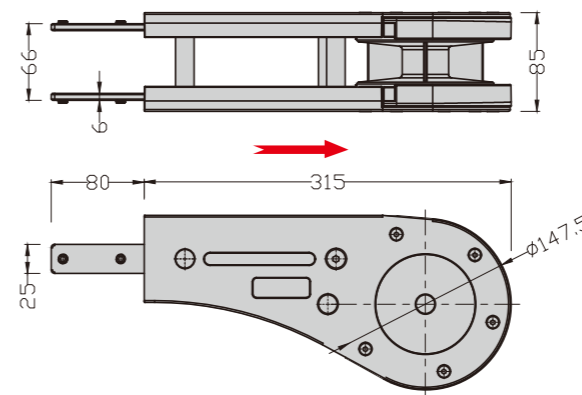
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.

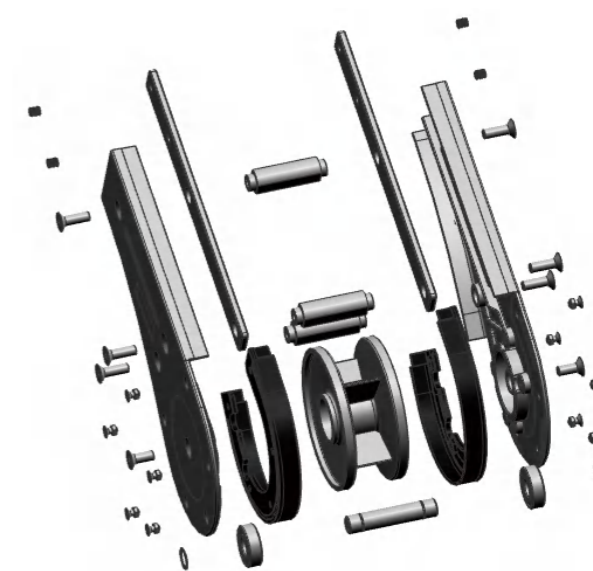
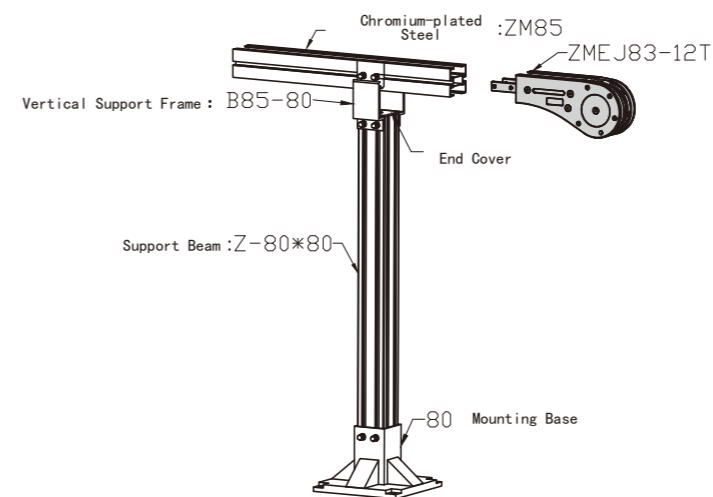
Actual path: 700MM

Match sprocket teeth:12 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight	
Main Machine	Driven Shaft	Sprocket	Bearing Material can be optional	Fastener	Connector	护圈	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 Gray	2.35

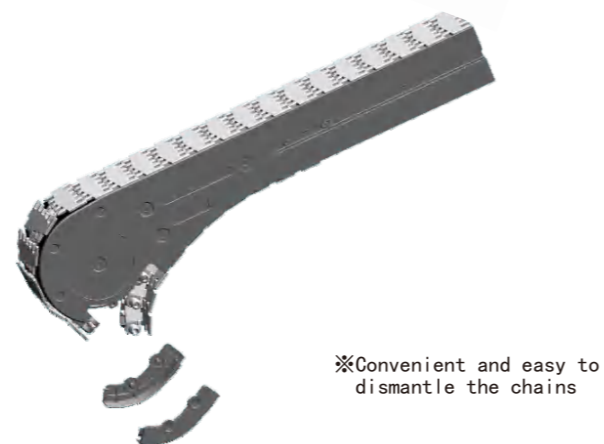
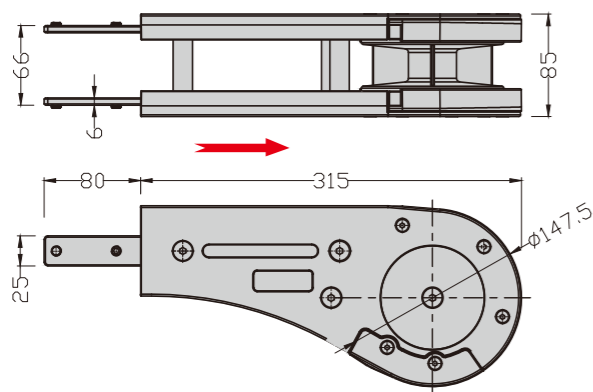
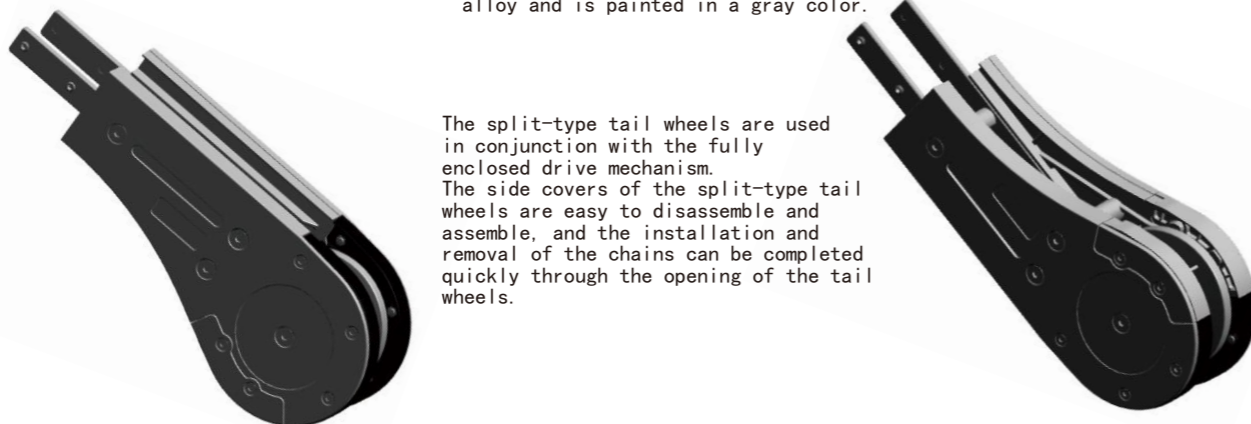


ZMEJ83-12TFT

Split tail sprocket

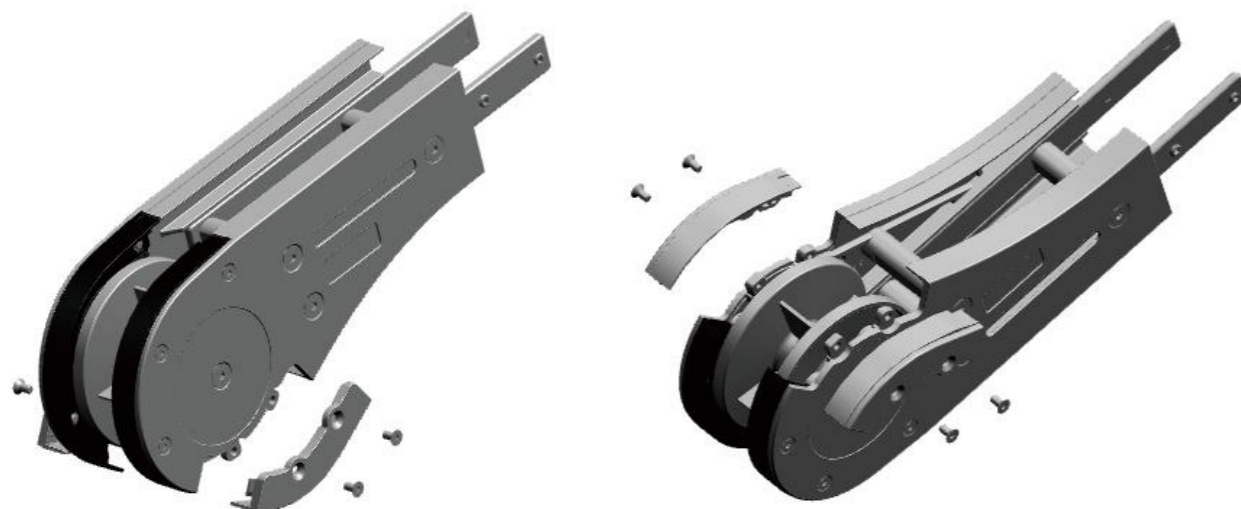
The shell is made of aluminum alloy and is painted in a gray color.

The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.



※Convenient and easy to dismantle the chains

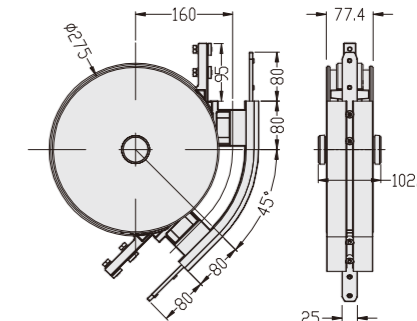
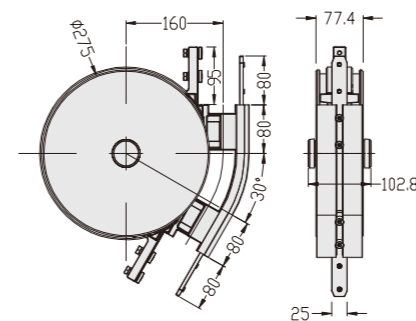
Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Bearing Material can be optional	Fastener	Connector	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	2.35



The horizontal wheel elbow can change the direction of the transmission device horizontally with minimal friction. The wheel elbow is designed to extend service life and minimize friction, with each wheel supported by two sealed ball bearings. In some product transmission sections, the use of 90° wheel elbows is prohibited; in such cases, the change of direction can be achieved using two 45° or three 30° wheel elbows.

ZMBH30R160

ZMBH45R160

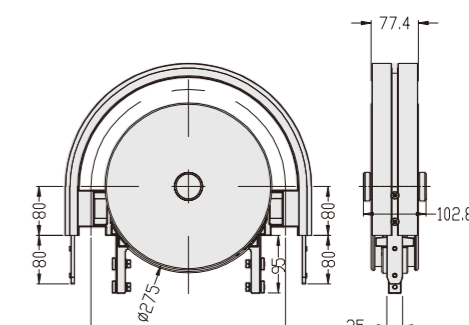
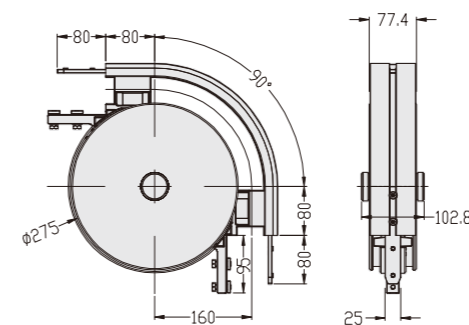


Actual path length: single rail245mm(Double Rail490mm)

Actual path length: single rail286mm(Double Rail572mm)

ZMBH90R160

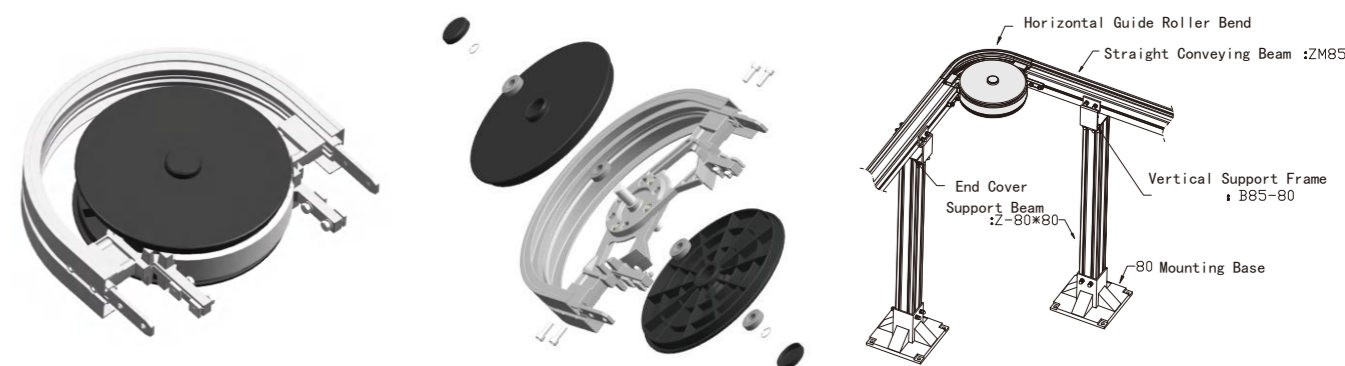
ZMBH180R160



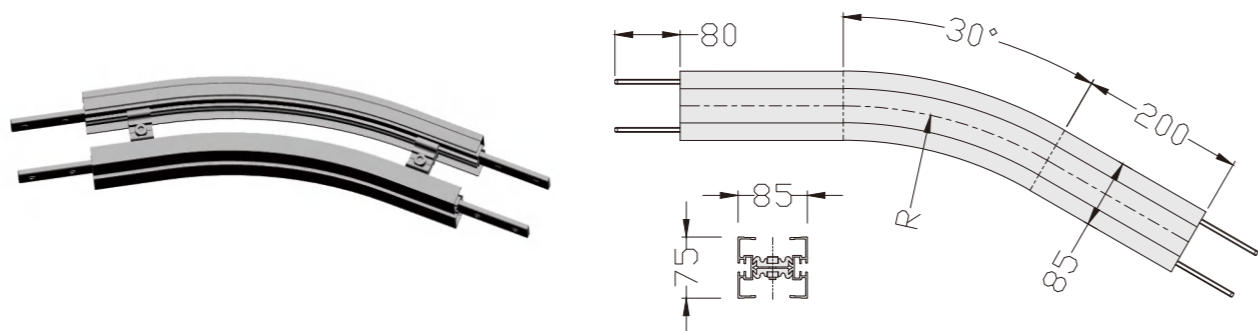
Actual path length: single rail412mm(Double Rail824mm)

Actual path length: single rail663mm(Double Rail1336mm)

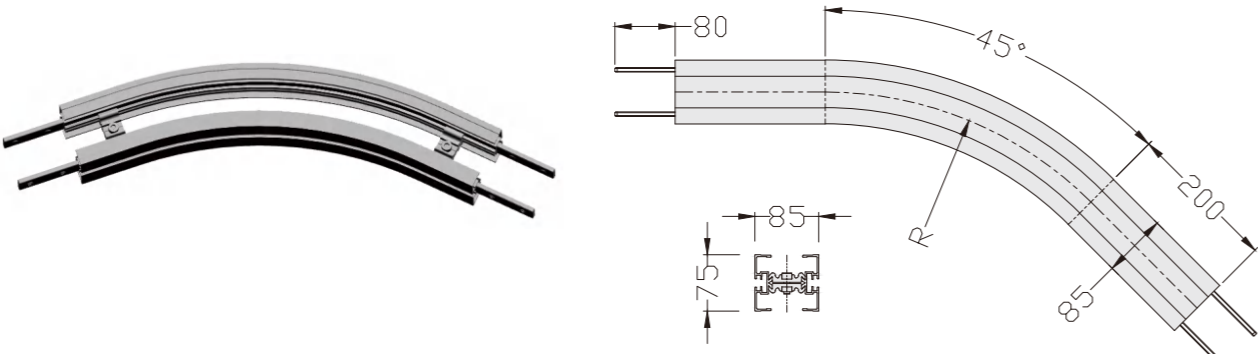
Material/Color						Reference Weight
Curve Rail	Bracket	Disk	Bearing Material can be optional	Fastener	Connector	KG
6063 Silver-white	ADC12 Silver-white	PA6+GF Black/gray	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	3.60



Standard Horizontal Bend ZM83



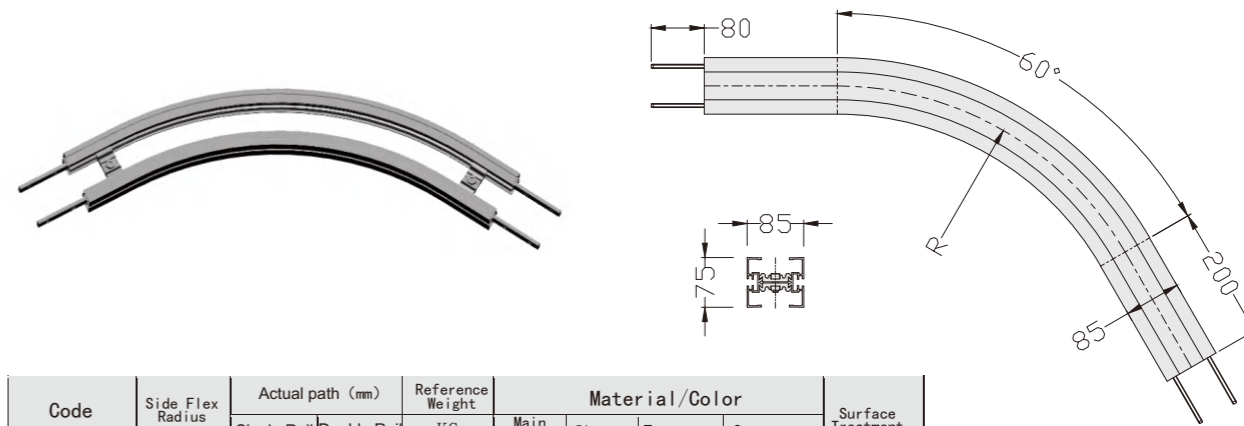
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connector	
ZMBP30R500	R500	662	1324	2.36	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZMBP30R700	R700	766	1532	2.58					
ZMBP30R1000	R1000	923	1846	2.95					



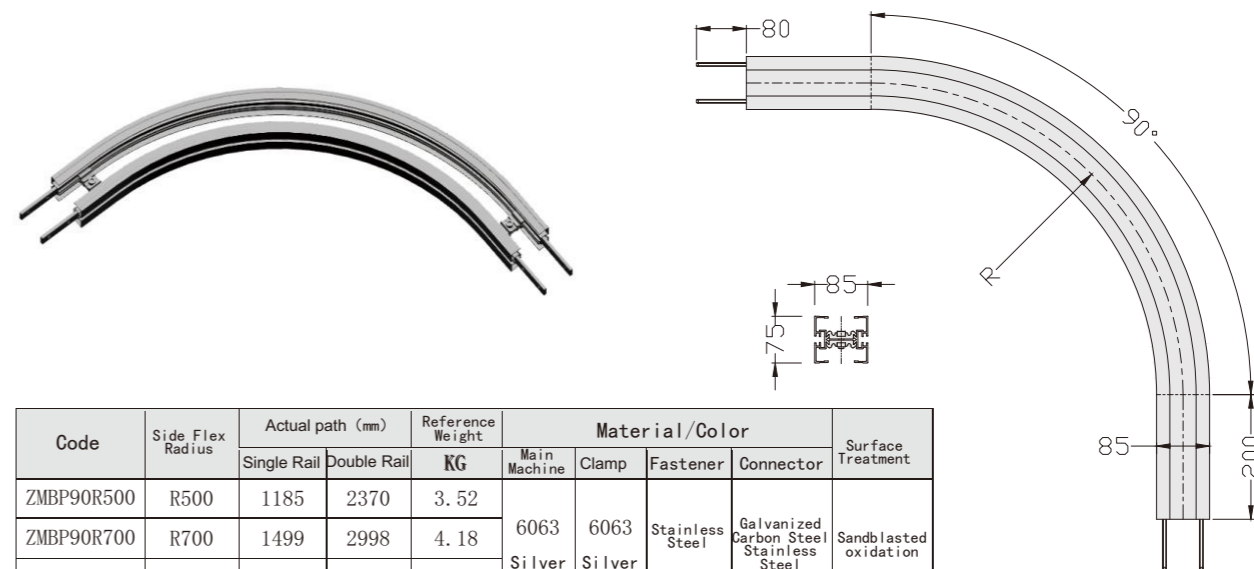
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connector	
ZMBP45R500	R500	793	1586	2.63	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZMBP45R700	R700	950	1900	2.97					
ZMBP45R1000	R1000	1185	2370	3.45					



Horizontal Guide Roller Bend ZM83

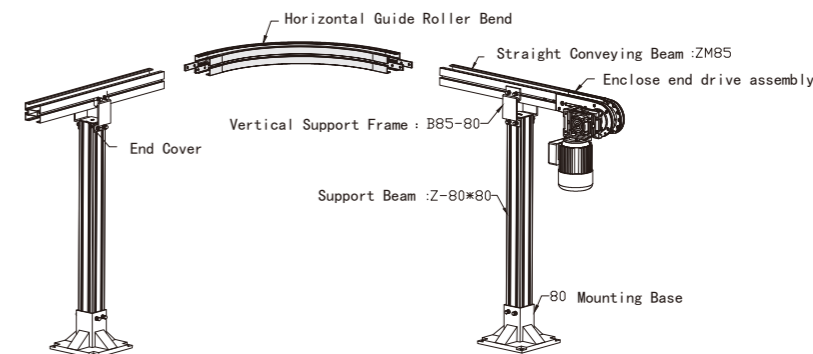


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connector	
ZMBP60R500	R500	924	1848	2.93	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZMBP60R700	R700	1133	2266	3.42					
ZMBP60R1000	R1000	1447	2894	4.10					



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connector	
ZMBP90R500	R500	1185	2370	3.52	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZMBP90R700	R700	1499	2998	4.18					
ZMBP90R1000	R1000	1970	3940	5.18					

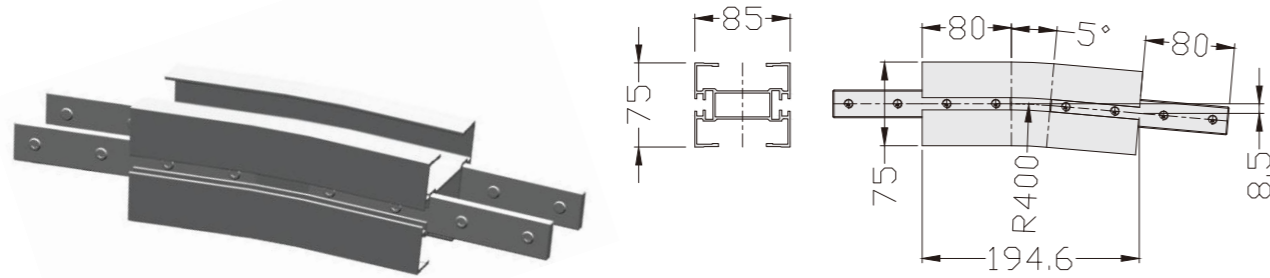
Silver



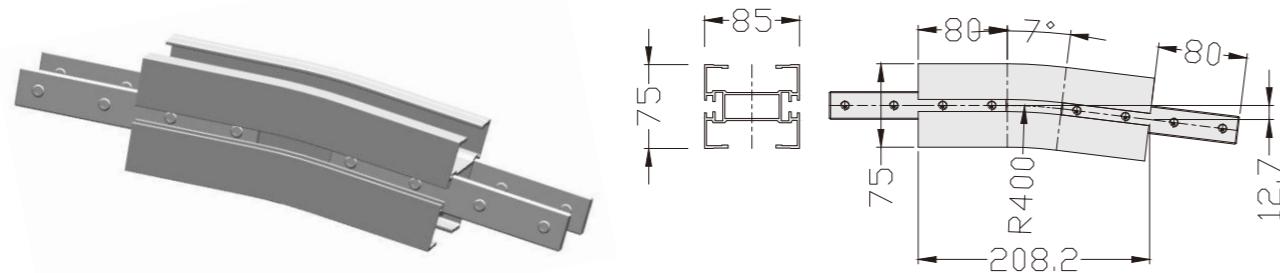
ZM83

ZM83

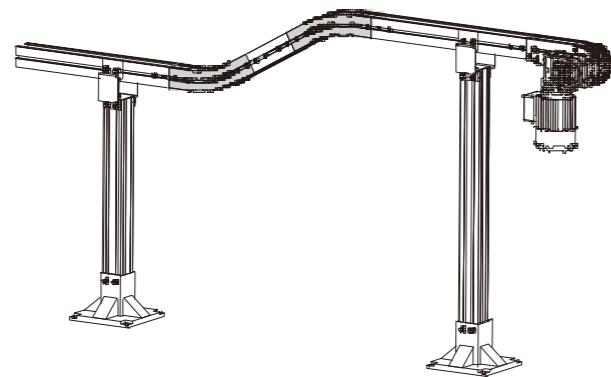
Vertical Bend ZM83



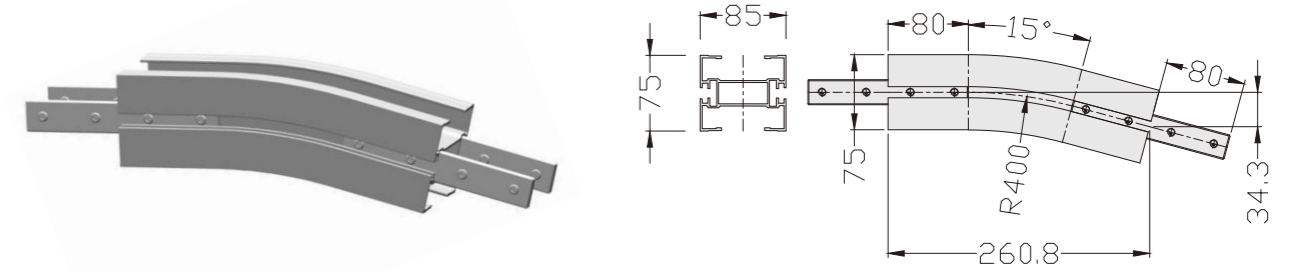
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connector	
ZMBV5R400	R400	190	380	1.26	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



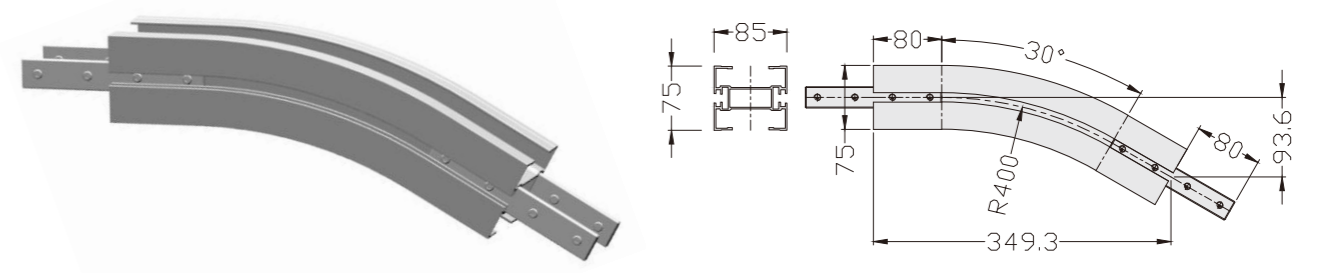
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connector	
ZMBV7R400	R400	200	400	1.30	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



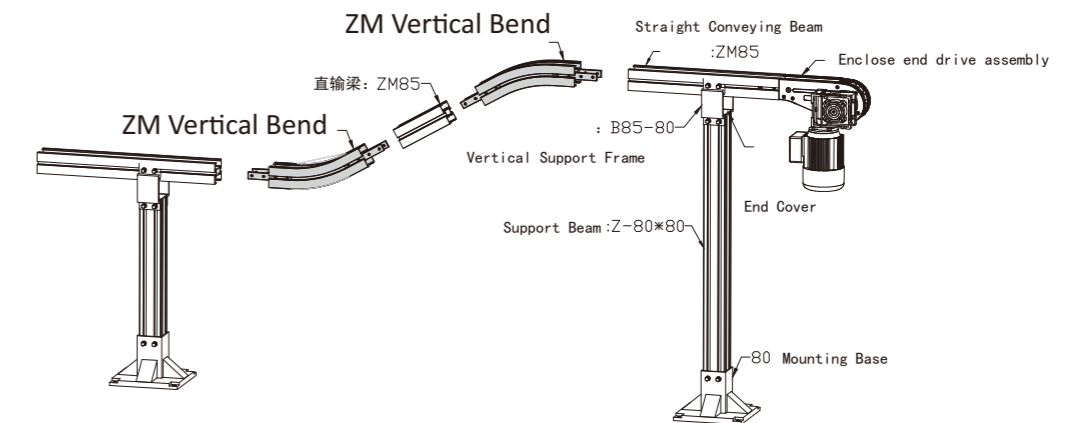
Vertical Bend ZM83

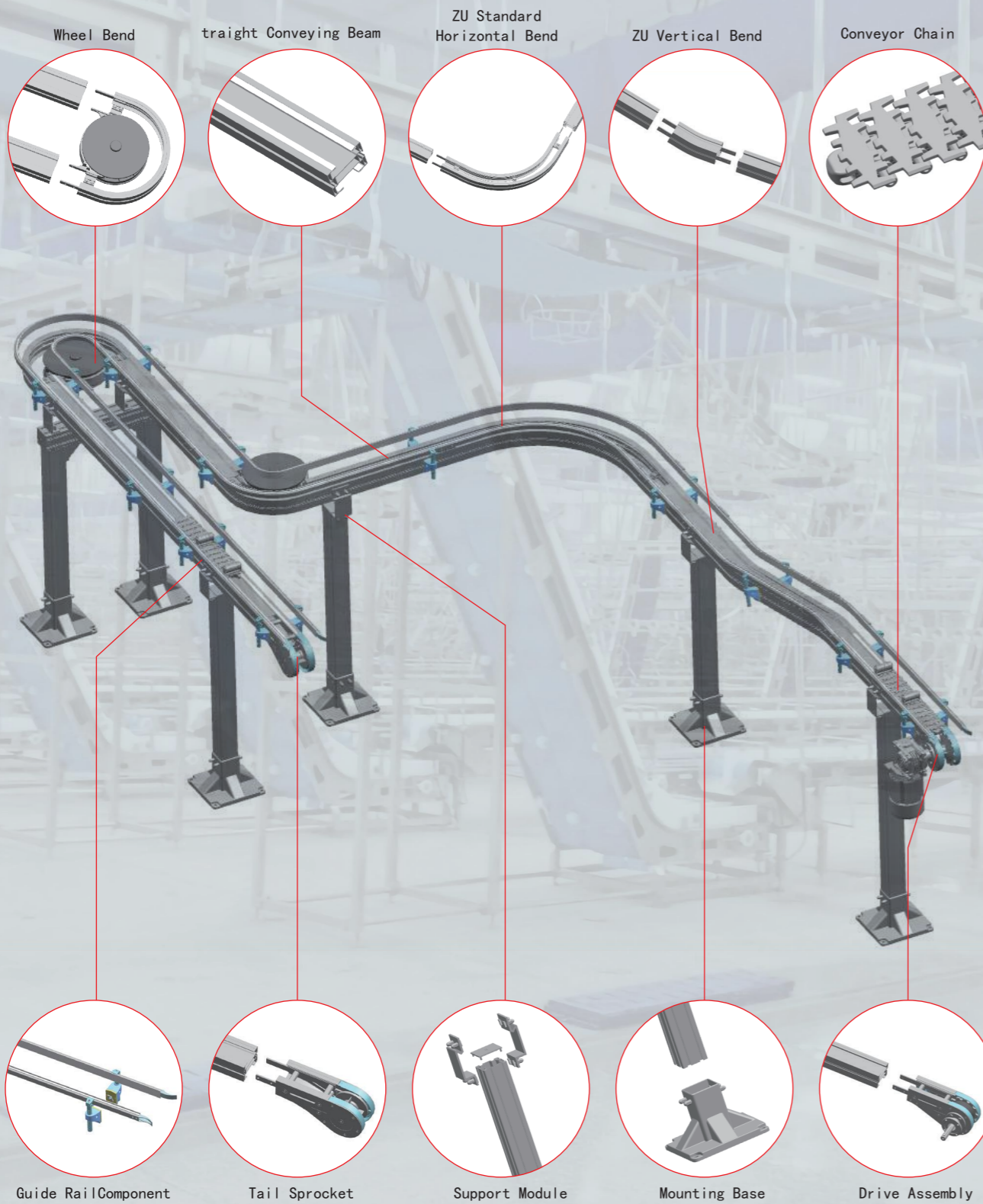


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connector	
ZMBV15R400	R400	245	490	1.44	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connector	
ZMBV30R400	R400	326	650	1.71	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

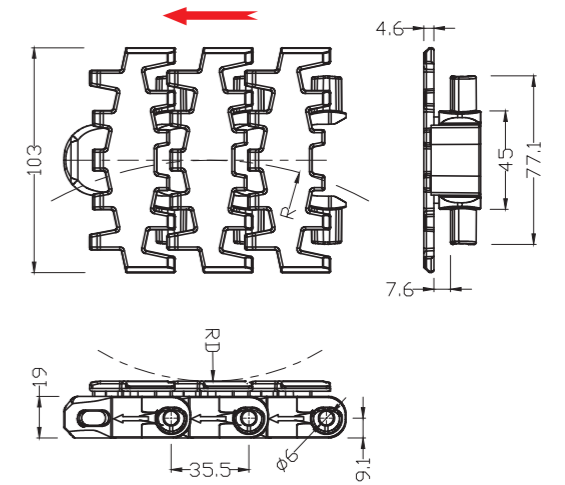




ZH103

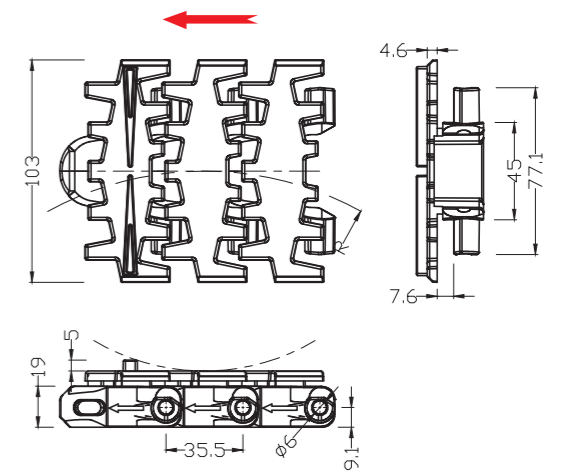
ZH103

ZH103A Silent Chain



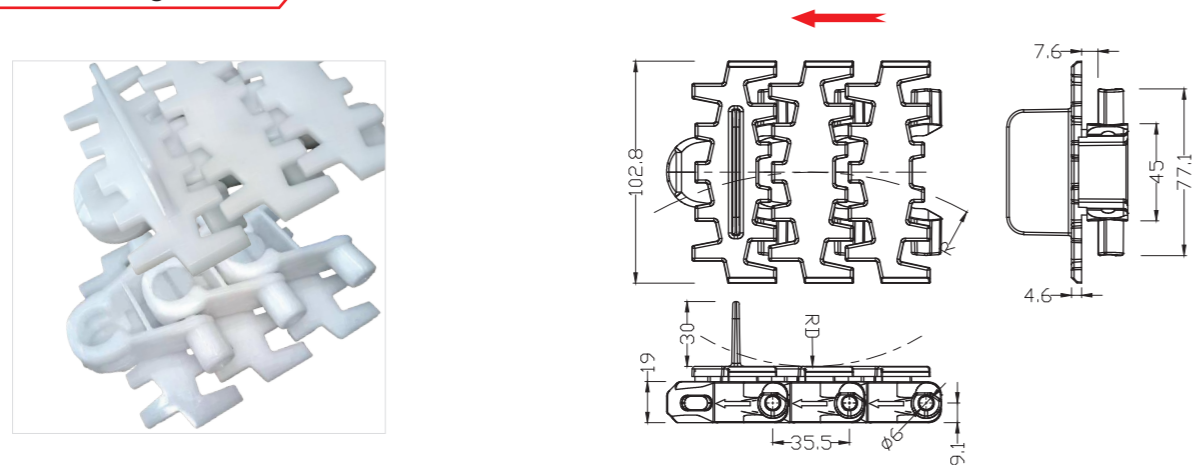
Chain Model	Chain Width W	Weight	Minimum	Chain Material	Working load
	mm		kg/m		mm
ZH103A	103	1.76	R150	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Suitable for larger items, especially in cases where the balance point deviates from the center, it has a higher load-bearing capacity; such as large ball bearings, turbine rotors, seat belt brackets, motor steering arm components, boxes, etc.	
35.5	6	SUS	RD100		

ZH103B Chain Guide



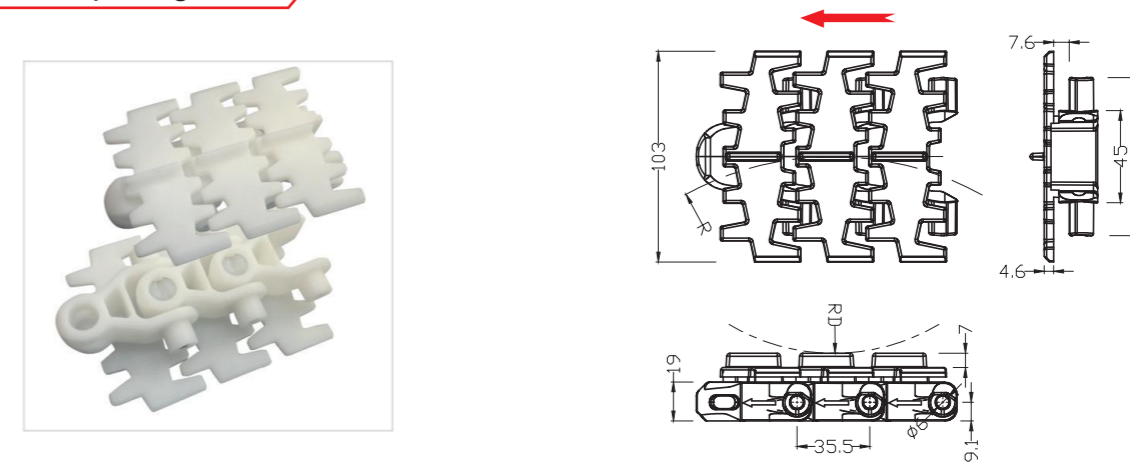
Chain Model	Chain Width W	Weight	Minimum	Chain Material	Chain Material
	mm		kg/m		mm
ZH103B	103	1.81	R150	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Suitable for larger items, especially in cases where the balance point deviates from the center, it has a higher load-bearing capacity; such as roller bearings, balls, heavy boxes, gears, brake discs, hydraulic pumps, etc.	
35.5	6	SUS	RD100		

ZH103CLifting Chain



Chain Model	Chain Width W	Weight	Minimum	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZH103C	103	1.77	R150	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin material	(min)mm	The wedge chain is used for the vertical or steeply inclined transmission rail. It has various heights and shapes. Select the wedge shape based on the shape of the transported goods.	
35.5	6	SUS	RD70		

ZH103ESpacing Chain

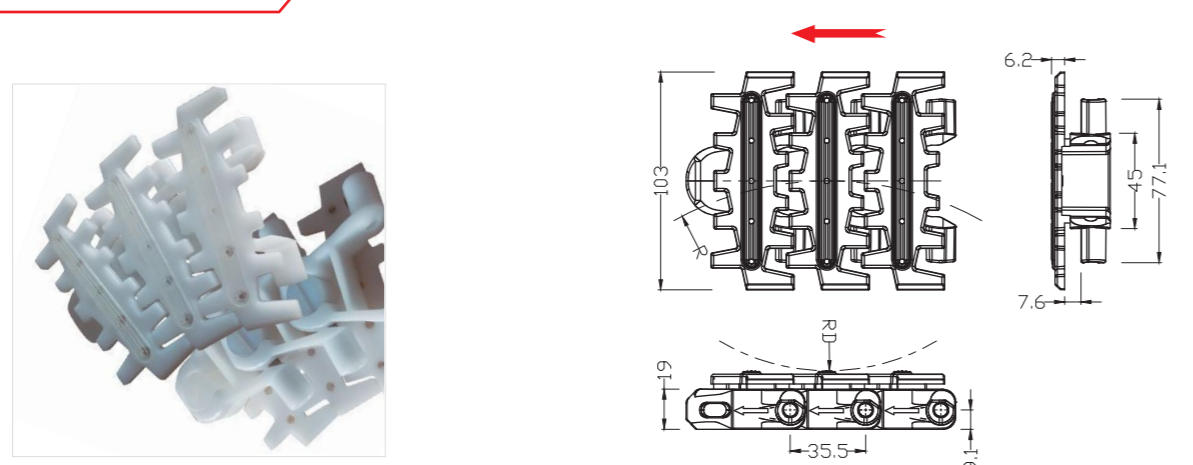


Chain Model	Chain Width W	Weight	Minimum	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZH103E	103	1.86	R150	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin material	(min)mm	The wedge chain is used for the vertical or steeply inclined transmission rail. It has various heights and shapes. Select the wedge shape based on the shape of the transported goods.	
35.5	6	SUS	RD100		

ZH103

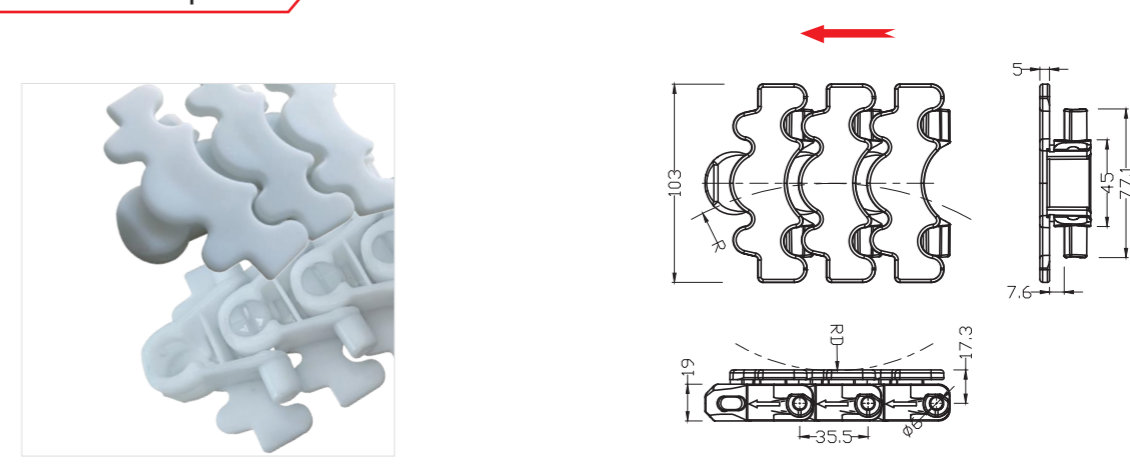
ZH103

ZH103DChain Guide



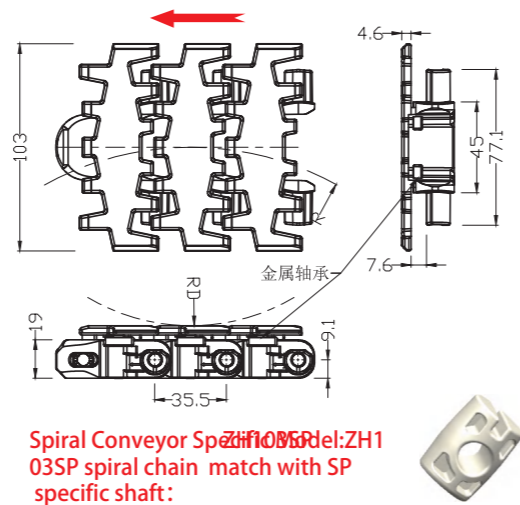
Chain Model	Chain Width W	Weight	Minimum	Chain Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103D	103	1.78	R100	POM+TPU	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
35.5	6	SUS	RD150		

ZH103BLTabletop Chain



Chain Model	Chain Width W	Weight	Minimum	Chain Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103BL	103	1.8	R160	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	During both straight and side flex movements, the upper surface remains smooth and seamless, making it suitable for transporting various small items and items with protrusions that are prone to getting stuck.	
35.5	6	SUS	RD100		

ZH103AR Side Flex Chain



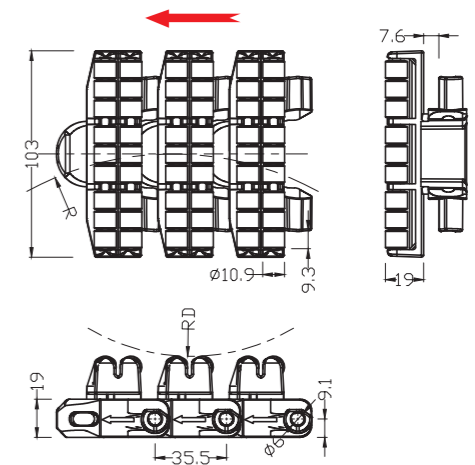
Spiral Conveyor Specific Model: ZH103AR Del: ZH103SP spiral chain match with SP specific shaft:



Chain Model	Chain Width W	Weight	Minimum	Chain Material	Working load
	mm				kg/m
ZH103AR	103	1.83	R150	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Bearing can be optional: left/right/left right. Suitable for longer distance conveying or spiral elevator usage..	
35.5	6	SUS	RD100		

ZH103

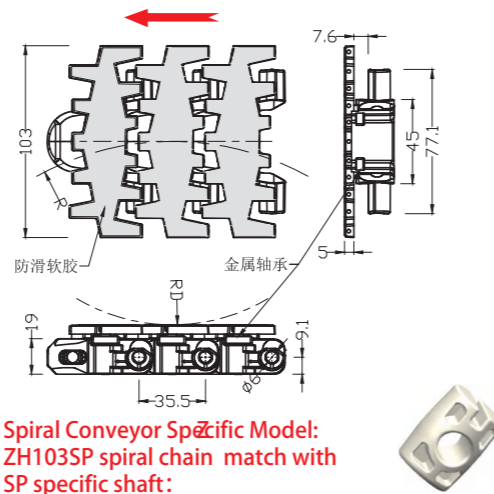
ZH103TR Ball Top Chain



Chain Model	Chain Width W	Weight	Minimum	Material	Working load
	mm				kg/m
ZH103TR	103	2.60	R150	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Suitable for products such as boxes and Pallets in situations where they need to be stacked and conveyed. Reduce stacking pressure. Reduce the frictional resistance with the conveyed object. The top rollers are pressed into the top of the chain plate by metal rods.	
35.5	6	SUS	RD160		

ZH103

ZH103PJ Chain Guide

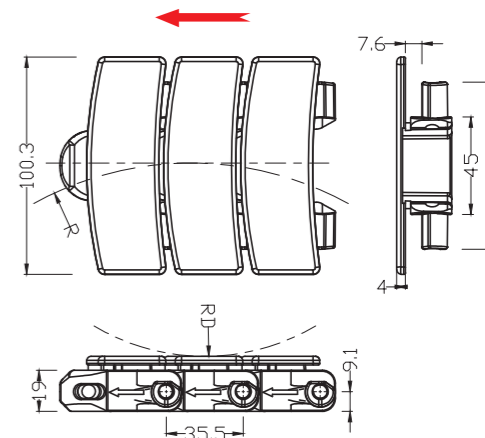


Spiral Conveyor Specific Model: ZH103SP spiral chain match with SP specific shaft:



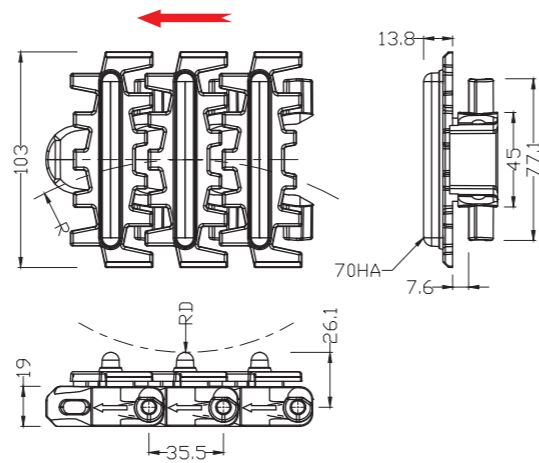
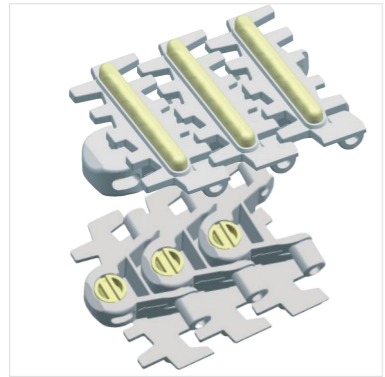
Chain Model	Chain Width W	Weight	Minimum	Chain Material	Working load
	mm				kg/m
ZH103PJ	103	2.15	R150	POM+TPU	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable. On both sides, it can be stably equipped with metal bearings, which is suitable for longer distance transportation or for use with spiral elevations..	
35.5	6	SUS	RD70		

ZH103YH Tabletop Chain



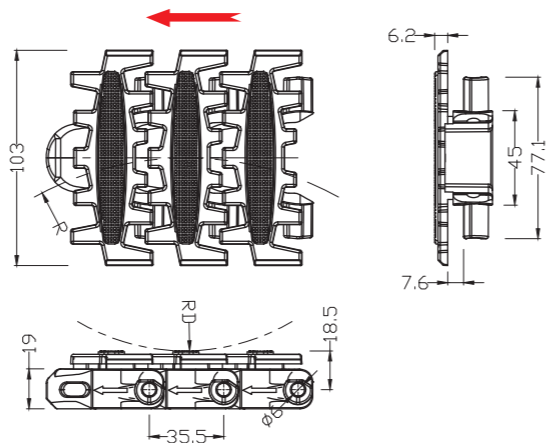
Chain Model	Chain Width W	Weight	Minimum	Material	Working load
	mm				kg/m
ZH103YH	100	1.65	R400	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	During both straight and side flex movements, the upper surface remains smooth and seamless, making it suitable for transporting various small items and items with protrusions that are prone to getting stuck.	
35.5	6	SUS	RD180		

ZH103H Chain Guide



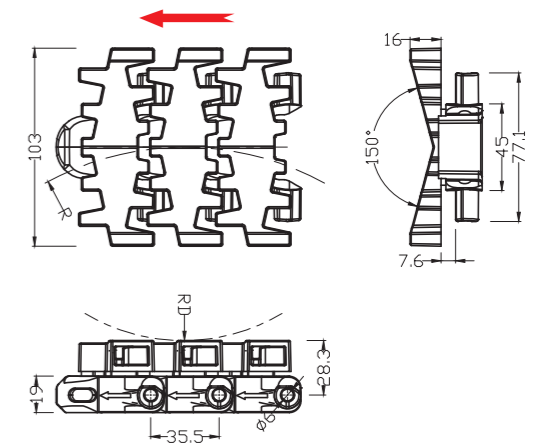
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103H	103	1.8	R150	POM+TPU	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
35.5	6	SUS	RD100		

ZH103F Chain Guide



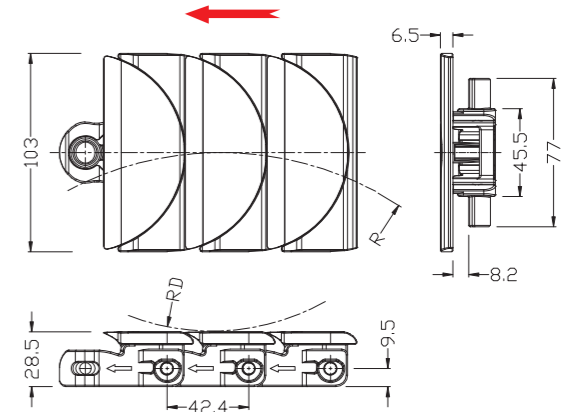
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103F	103	1.8	R150	POM+TPU	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable. Lifting angle should not over 15 degrees.	
35.5	6	SUS	RD100		

ZH103V V-type Chain



Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103V	103	1.96	R150	POM	3100
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	The special V-shaped loading block is designed to prevent side sliding and falling. Can ensure the centered positioning of the transported objects and be effective.	
35.5	6	SUS	RD110		

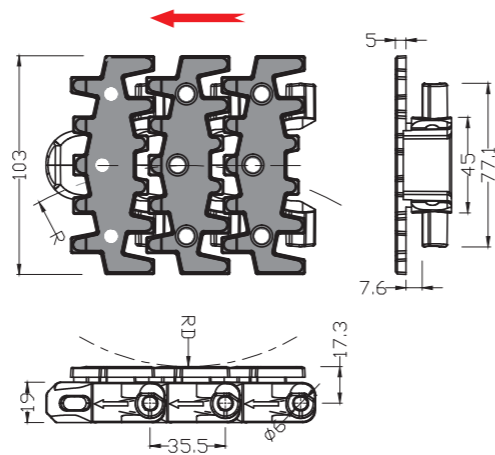
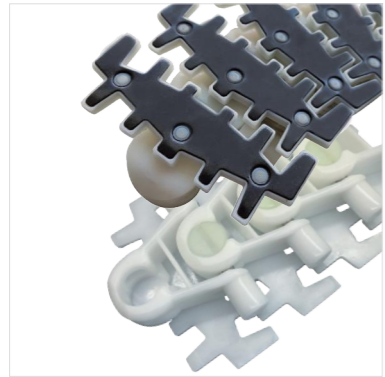
ZH103S Seamless Chain



Note: When used in conjunction with the standard drive unit, the sprocket is a machined 10-tooth type, while the tail wheel assembly remains unchanged.

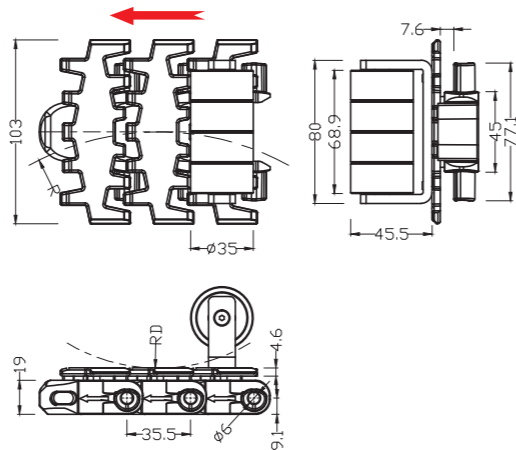
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103S	103	1.8	R170	POM	3800
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Suitable for smooth transportation of smaller bottles and cans, etc. The supporting surface is large, which can prevent the rigid contact between the support surface and the bottom of the conveyed object. During the turning conveyance, the gap does not change in size.	
42.4	6	SUS	RD120		

ZH103G Steel Top Chain



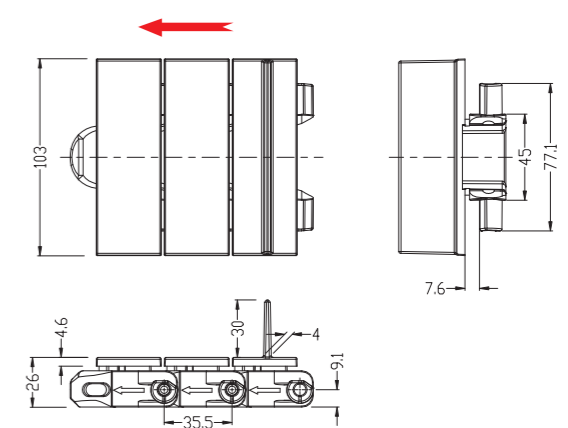
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103G	103	2.8	R150	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	If the products being transported will cause excessive wear to the standard chain, steel top links can be used instead of the standard flat links. It is mainly used in the mechanical manufacturing industry for transporting cast or machined parts with sharp edges. Based on the standard flat chain, the steel top chain has the same technical characteristics as the standard chain.	
35.5	6	SUS	RD100		

ZH103R Roller Chain



Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103R	103	2.2	R150	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	Suitable for box frame blocking, lifting and lowering, and conveying. The rollers can prevent the conveyed items from being scratched. Select the appropriate wheel spacing according to the size of the conveyed material.	
35.5	6	SUS	RD100		

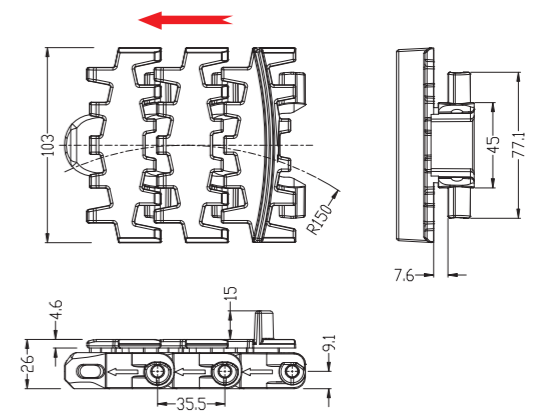
ZH103 Straight Plate+ Divider



Complementary components: Aluminum 12T semi-head (with sheet metal return guide block) + 9T plastic shell tail wheel

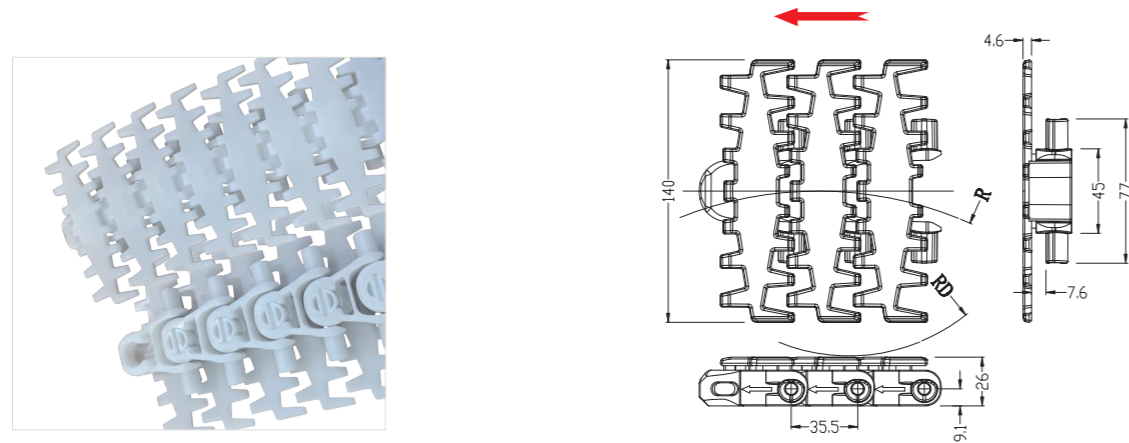
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103ZX	103	1.9	-	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	It is suitable for the straight-line transportation of small items and for evenly separating and grouping them, such as side insertion into boxes, etc. The baffles can be added in multiples of 35.5 as needed.	
35.5	6	SUS	R330		

ZH103Curve Divider



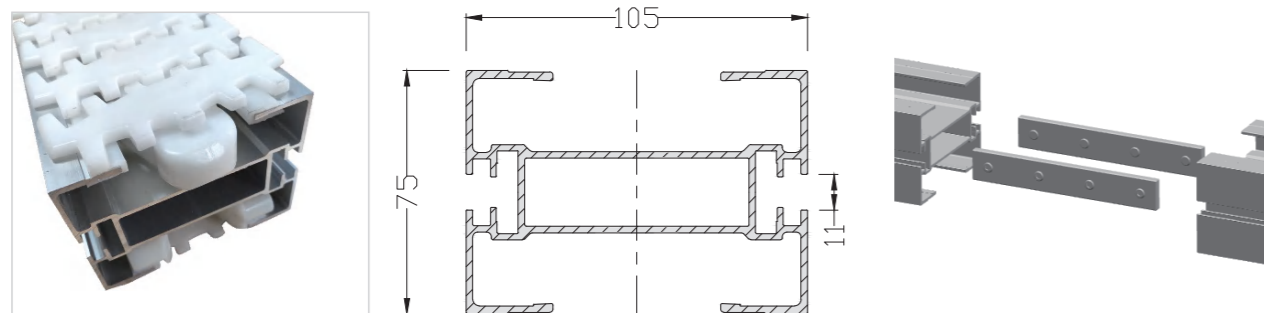
Chain Model	Chain WidthW	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N(21°C)
ZH103HX	103	1.9	R150	POM	3800
Pitch(mm)	Pin diameter(mm)	Pin Material	(min)mm	Suitable for transporting spherical items. The device can automatically center the objects. The arc-shaped baffles can be added in multiples of 35.5 as needed.	
35.5	6	SUS	RD90		

ZH140-103G Tooth Chain



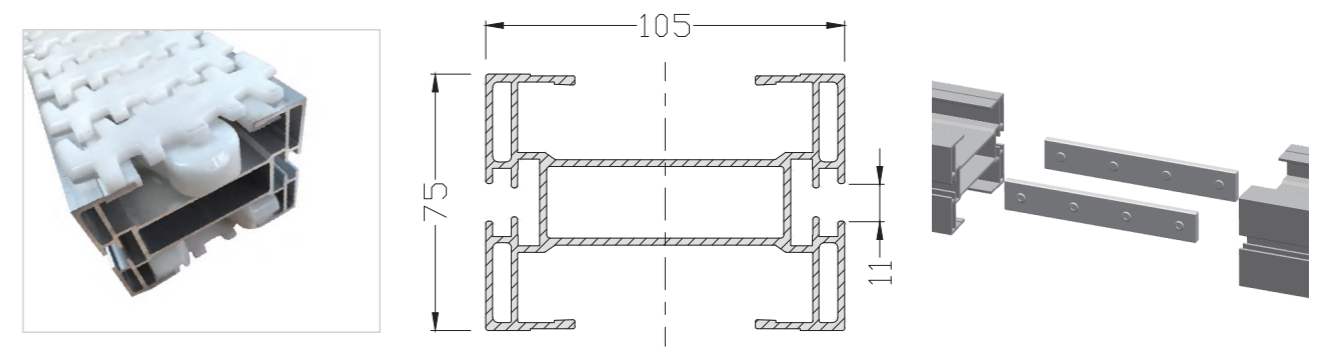
Chain Model	Chain Width W	Weight	Minimum	Material	Working load
	mm	kg/m	mm		N (21°C)
ZH140-103G	140	2.0	R200	POM	3800
Pitch (mm)	Pin diameter (mm)	Pin Material	(min) mm	Suitable for larger items, especially in cases where the balance point deviates from the center. It has a higher load-bearing capacity; such as large ball bearings, turbine rotors, seat belt brackets, motor steering arm components, boxes, etc.	
35.5	6	SUS	RD100		

traight Conveying Bea:ZH105



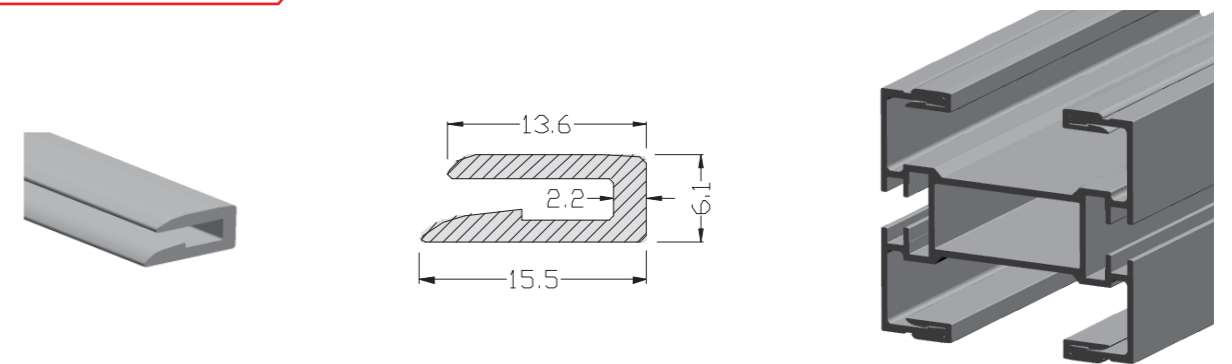
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZH105	Silver	6063	Sandblasted oxidation	ZH103 Series	3 m /6 m	2.8KG/M

trenghen Conveying Beam :ZH105R



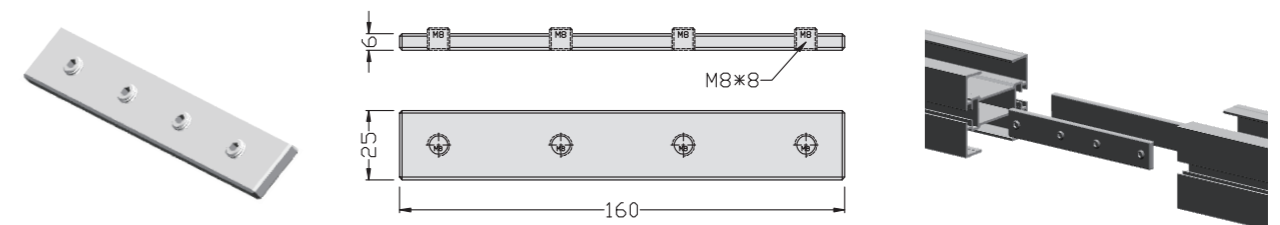
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZH105R	Silver	6063	Sandblasted oxidation	ZH103 Series	3 m /6 m	3.22KG/M

Wear Strip: W45-1



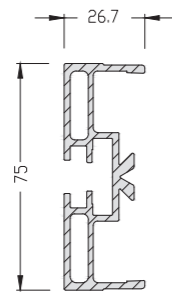
Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50 m /roll	50 g /m

Strip Z-160-25 with location screw

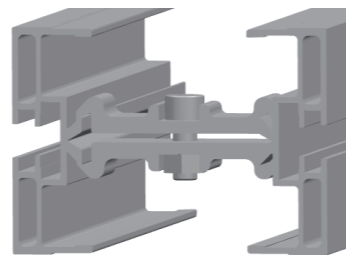
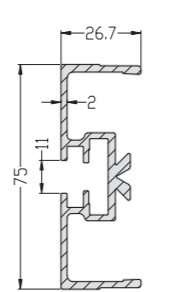


Code	Color	Material Optional	Adaptive Conveyor Beam	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.12KG/M including 4 setscrew

Horizontal Half Beam ZHB105R



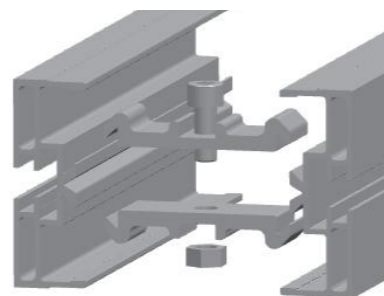
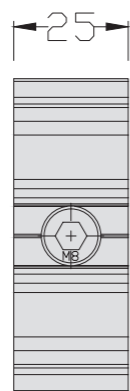
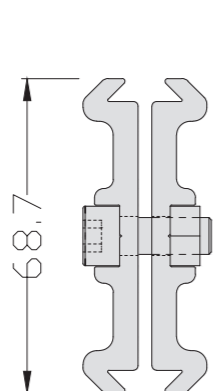
Spiral Specific half beam ZHB105



Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZHB105R	Silver	6063	Sandblasted oxidation	3m /6m	1.4KG/M

Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZHB105	Silver	6063	Sandblasted oxidation	3m /6m	1.2KG/M

Clamp: ZHJ105



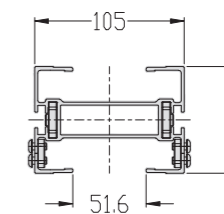
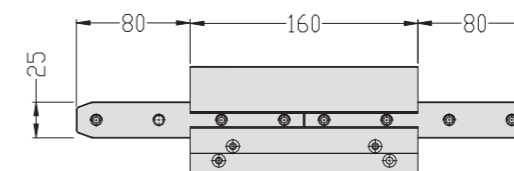
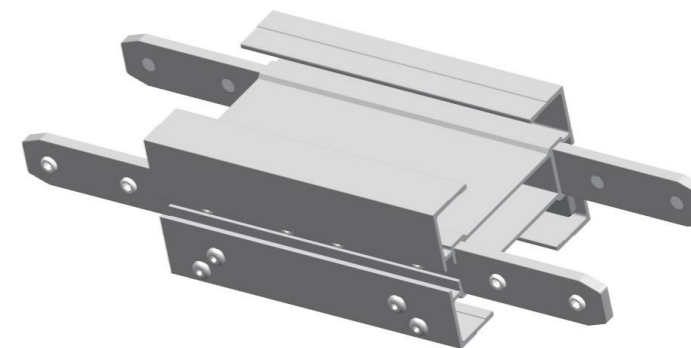
※Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.

Code	Color	Material	Surface Treatment	Fastener	Reference Weight
ZHJ105	Silver	6063	Sandblasted oxidation	Stainless Steel Gray	80g



ZHCC160

Split Connecting Beam



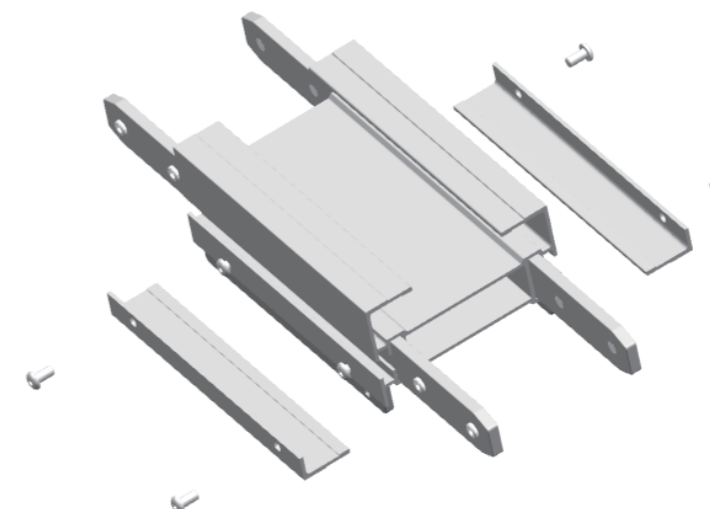
Material / Color			Reference Weight
Main Machine	Strip material optional	Fastener	KG
6063 Silver	Stainless Steel Conveyor System	Stainless Steel	1.46

Suitable for installing and dismantling the conveying chain on the conveying rail section.

It needs to be placed at the connection point of the conveyor profiles.

Both sides are open for dismantling.

ZMEB83-9T End drive Assembly and tail Sprocket are enclose structure, so there must equip split Connecting Beam for dismantling.



The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard.

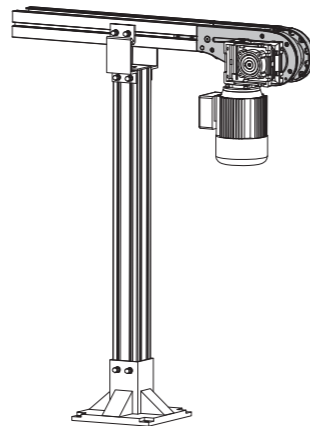
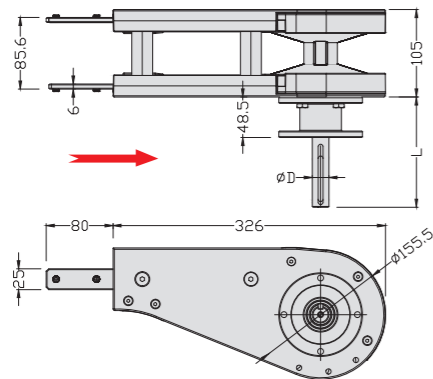
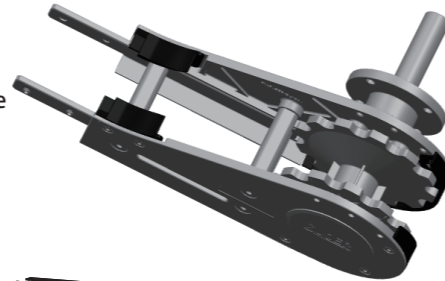
Technical Parameters

Chain Width	Pitch	Drive Tooth	kN	Max Length	Max Loading	Linear Speed
103mm	33.5mm	12 Teeth	3100N	30m	150-300KG	5-60m/min

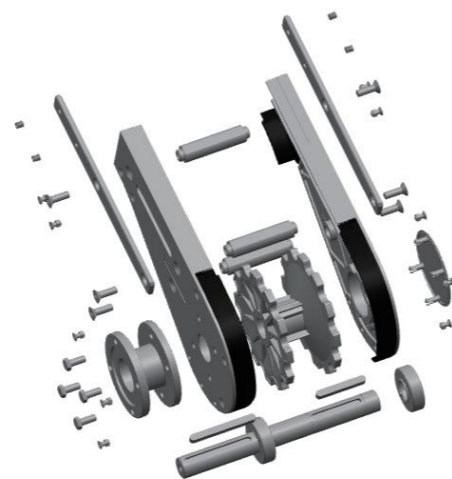
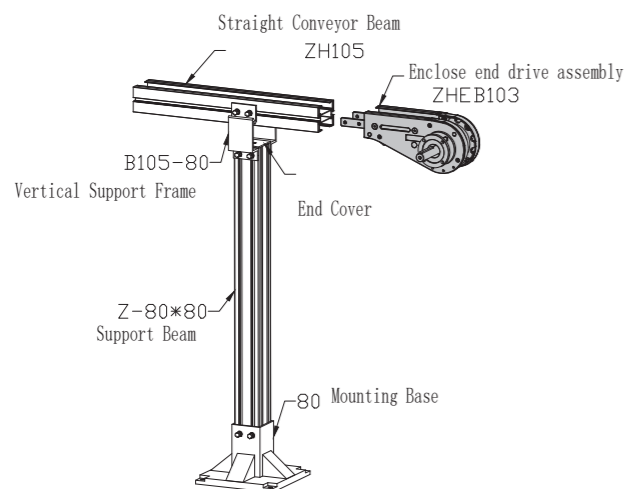
ZHEB103

Half enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.
 Picture shows shaft output from right (motor locates right), motor put in left can be optional.
 Actual path: 730MM
 Match sprocket teeth: 12 teeth
 Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
 kN is 3100N, linear speed is 5-60m/min.



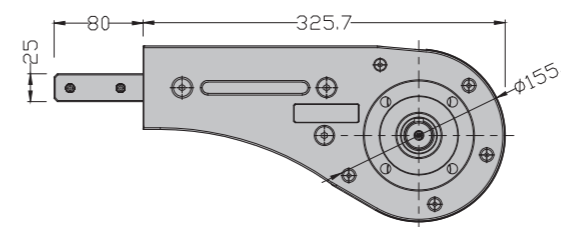
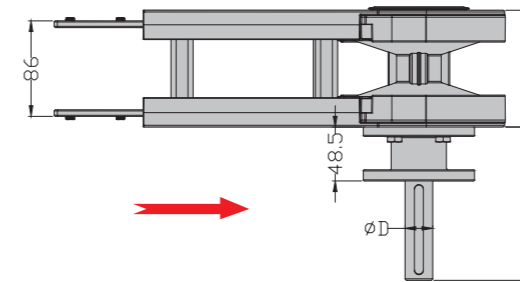
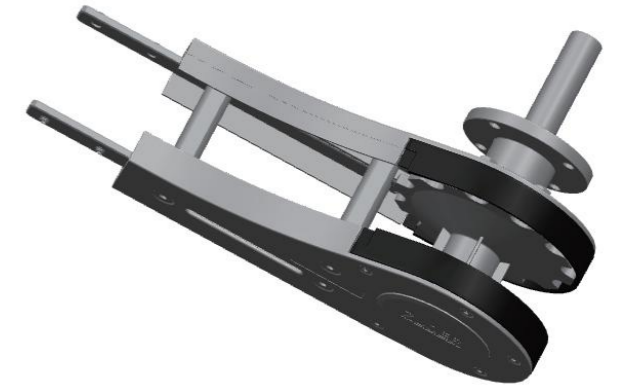
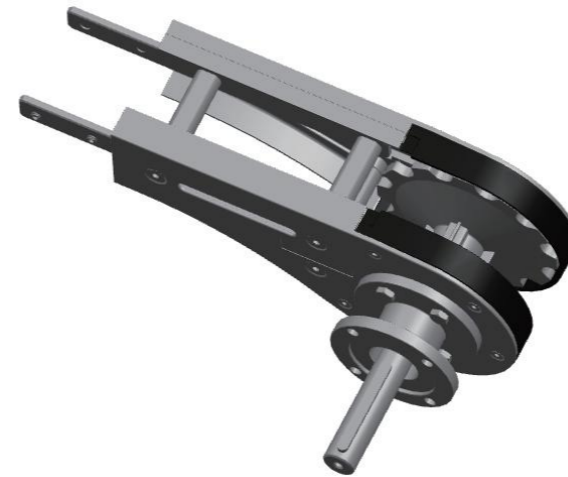
Material/Color								Reference Weight
Main Machine	Shaft Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Gray Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel Steel Gray	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	4.26



ZHEB103QB

Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional.

Actual path: 730MM

Match sprocket teeth: 12 teeth

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.

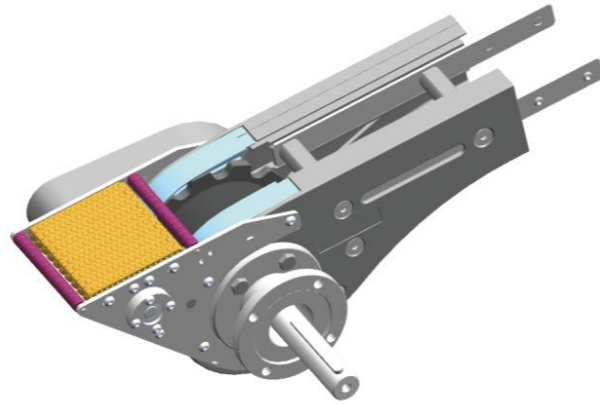
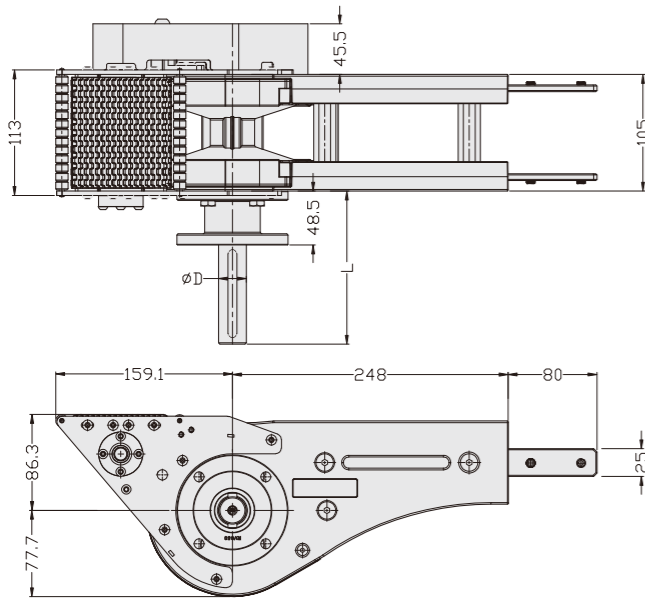
The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.

kN is 3100N, linear speed is 5-60m/min.

Material/Color								Reference Weight
Main Machine	Bearing Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	4.26

Damper

ZHEB103GD



Picture shows shaft output from left(motor locates left), motor put in right can be optional. 12 Teeth Flange,shaft length and diameter can be optional
The effective size of the conveyed object should be larger than 85mm, with the center of gravity positioned centrally, and the speed should be greater than 5 meters per minute.

Power assembly Material/Color							Reference Weight
Main Machine	Flange	Shaft Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	KG
6061 Spray-painted gray	ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	4.26

Damper Material/Color								Reference Weight
Side Plate	Timing Belt	Shaft	Sprocket	Timing Wheel	Transfer Zone	Fastener	Bearing	KG
Stainless Steel Drawing Process	Rubber Black	Stainless Steel	6061 Silver	6061 Natural Oxidation	POM Deep Gray	Stainless Steel	Bearing Steel	1.65



The dual-drive device is designed to be placed at one end of the transmission device. The reducer motor connects the two drive devices together through a common shaft. The motor can be positioned in the left, right, or in the middle.
It is important that the load between the two conveying devices should be distributed as evenly as possible.

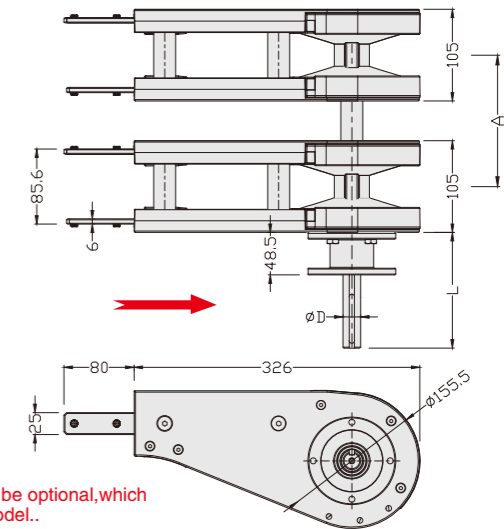
Technical Parameters

Category	Pitch	Drive Tooth	kN	Linear Speed	Actual path	Distance between the two drive centers A
ZH103	35.5	12 Teeth	3100N	5-60m/min	700mm	106or150-350

ZHEB103-S

Half enclose end drive assembly

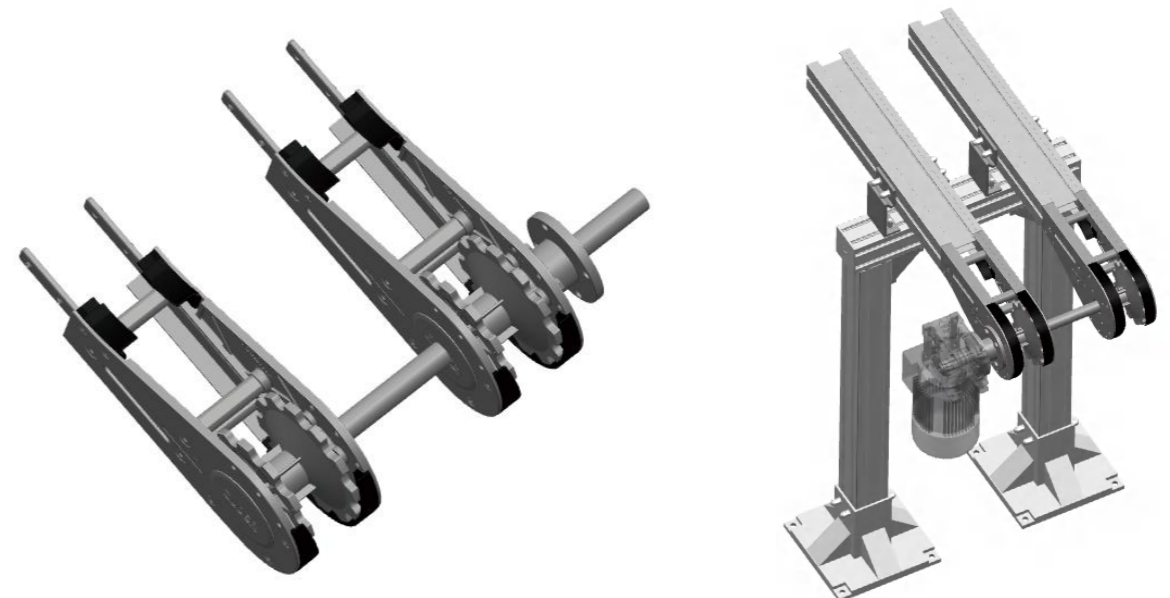
The shell is made of casting aluminum alloy and is painted in a gray color.



※ Flange,shaft length and diameter can be optional,which should match with deceleration motor model..

※ Picture shows shaft output from right(motor locates right), match with all in one tail sprocket

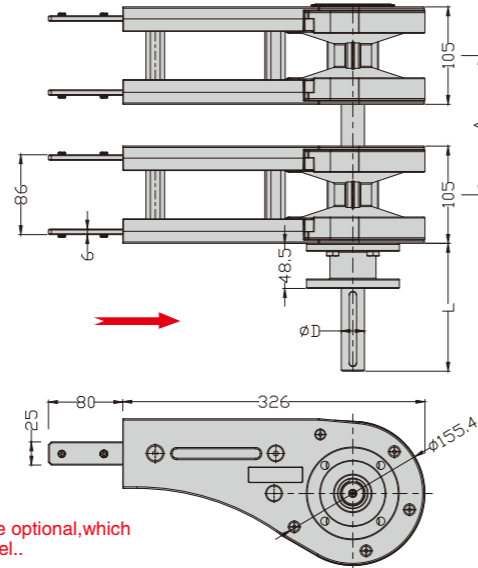
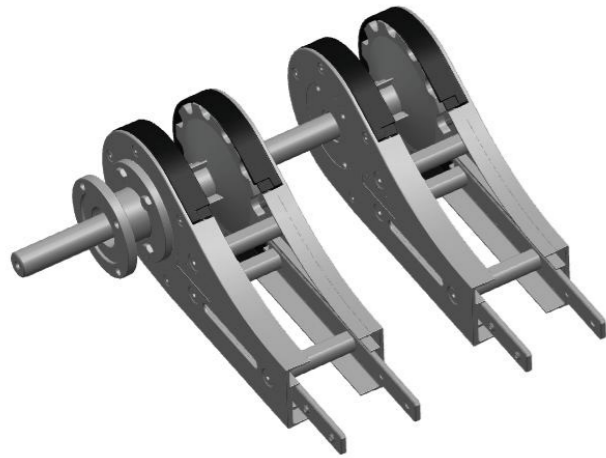
Material/Color								Reference Weight
Main Machine	Shaft Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	4.26



ZHEB103SQ

Enclose end drive assembly

The shell is made of casting aluminum alloy and is painted in a gray color.



※ Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
 ※ Picture shows shaft output from right (motor locates right), match with all in one tail sprocket

Material/Color								Reference Weight
Main Machine	Shaft Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Fastener	Connecting Strip	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	4.26

Zh103 Central-mounted dual-drive reduction motor



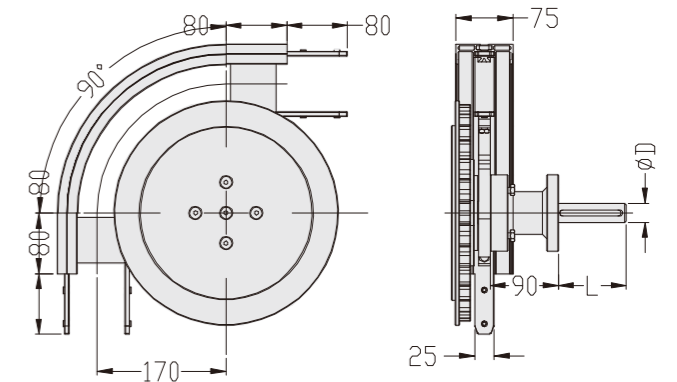
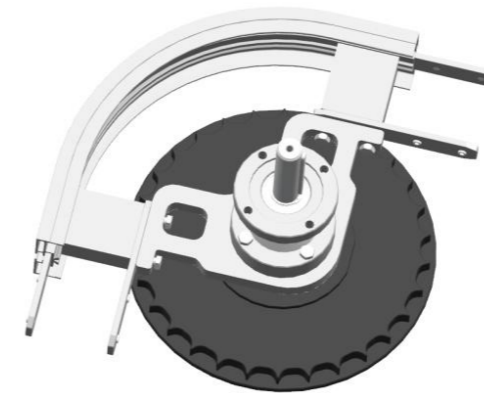
The horizontal rotary drive device is particularly suitable for the circulating transmission system without return chain. In this type of drive mechanism, the drive wheel is a horizontal disc sprocket that meshes with the chain on its side. The reduction motor drives the sprocket through an intermediate shaft, thereby driving the chain. Running speed: 5-30m/min. Note that the kN of the horizontal rotary drive device is lower than that of the end drive device. See the technical specification.

Technical Parameters

Category	Pitch	Number of teeth on the rotating disc	kN	Linear Speed	Optional Driver Categories
ZH103	35.5	30 Teeth	500N	5-30 m/min	90° /180°

ZHEW103-90P

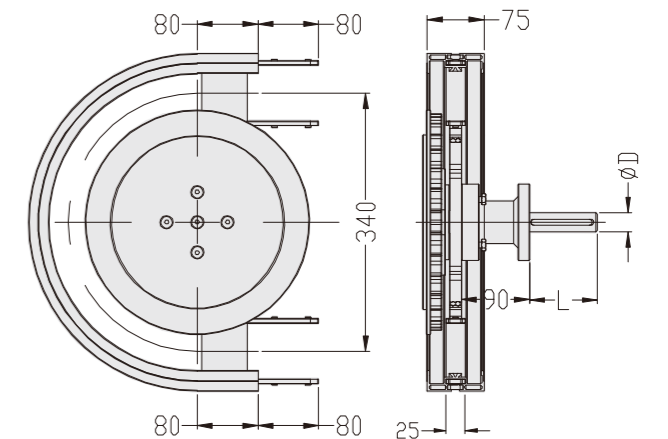
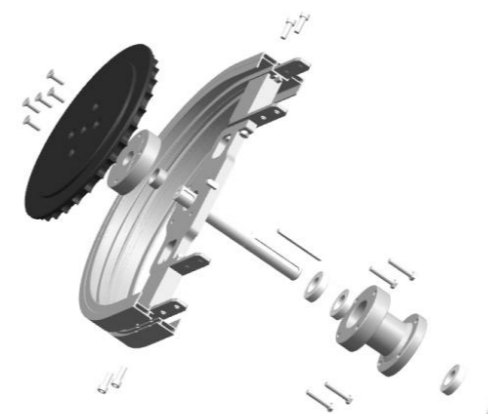
90° Horizontal rotary drive unit



Actual path: 430mm
 ※ Flange, shaft length and diameter can be optional, and should match with deceleration motor model.

ZHEW103-180P

180° Horizontal rotary drive unit



Actual path: 695mm
 ※ Flange, shaft length and diameter can be optional, and should match with deceleration motor model.

Code	Material/Color								Reference Weight
	Main Machine	Bracket	Bearing Material can be optional	Flange	Disc	Connecting Strip	Fastener	Connecting Strip	KG
ZHEW103-90P	6063Silver	6061Silver	Stainless Steel Chromium-plated Steel	6061Silver	Nylon Black	Bearing Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	6.85
ZHEW103-180P	6063Silver	6061Silver	Stainless Steel Chromium-plated Steel	6061Silver	Nylon Black	Bearing Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	7.28

The intermediate drive device, in addition to being able to be installed anywhere on the conveyor, is similar to the standard type of drive device. The intermediate drive device can demonstrate its advantages when the space at the end is limited. Since the chain is driven on the return side of the conveyor chain, a system equipped with an intermediate drive device requires two tail wheel devices. For ease of chain installation and removal, one of them is a split-type tail wheel device. To reduce friction, the drive device should be positioned as close as possible to the tail wheel device at the front end.

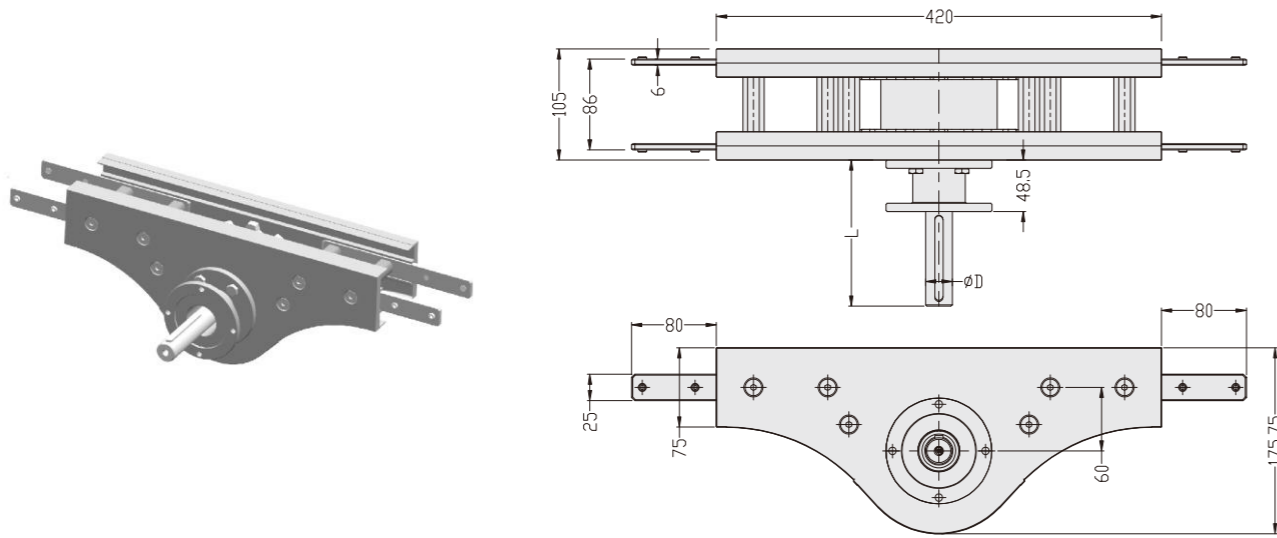
In a mid-drive system, only a limited portion of the chainwheel's circumference engages with the drive chain. Therefore, the traction limit of the mid-drive system is lower than that of the end-drive system. The operating speed is 5 - 25 meters per minute. Refer to the technical specifications.

Technical Parameters

Category	pitch	Drive Tooth	kN	linear speed	Actual path
ZH103	35.5	12Tooth	350N	5-25m/min	912MM

ZHER103

Vertical Bend



※Flange, shaft length and diameter can be optional, which should match with deceleration motor model..

※ Picture shows shaft output from right (motor locates right), match with all in one tail sprocket.

Material/Color							Reference Weight
Main Machine	Bearing Material can be optional	Flange	Sprocket	Bearing Material can be optional	Fastener	Connector	KG
6061 Spray-painted gray	Stainless Steel Chromium-plated Steel	ADC12 Spray-painted gray	Nylon White	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	6.60



All in one tail sprocket

Split tail sprocket

The pulley device includes a freewheel with a deep groove ball bearing. The purpose of the intermediate pulley device is to change the direction of the chain with minimal friction. The tail pulley device is installed at the entrance end of the conveyor. When used with the intermediate drive device, a tail pulley device is installed at both the entrance and exit ends.

ZHEJ103-P

All in one tail sprocket

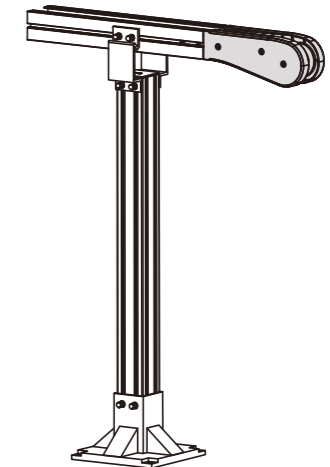
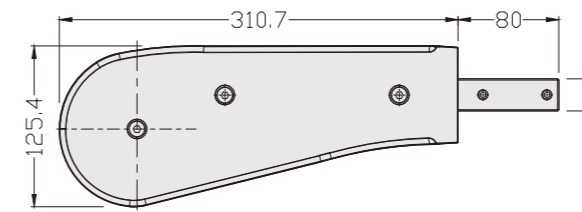
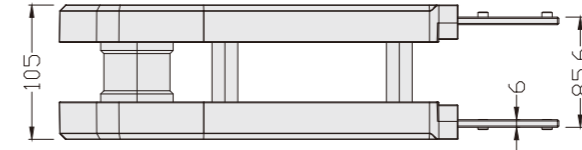
The shell is an injection-molded part made of reinforced nylon.



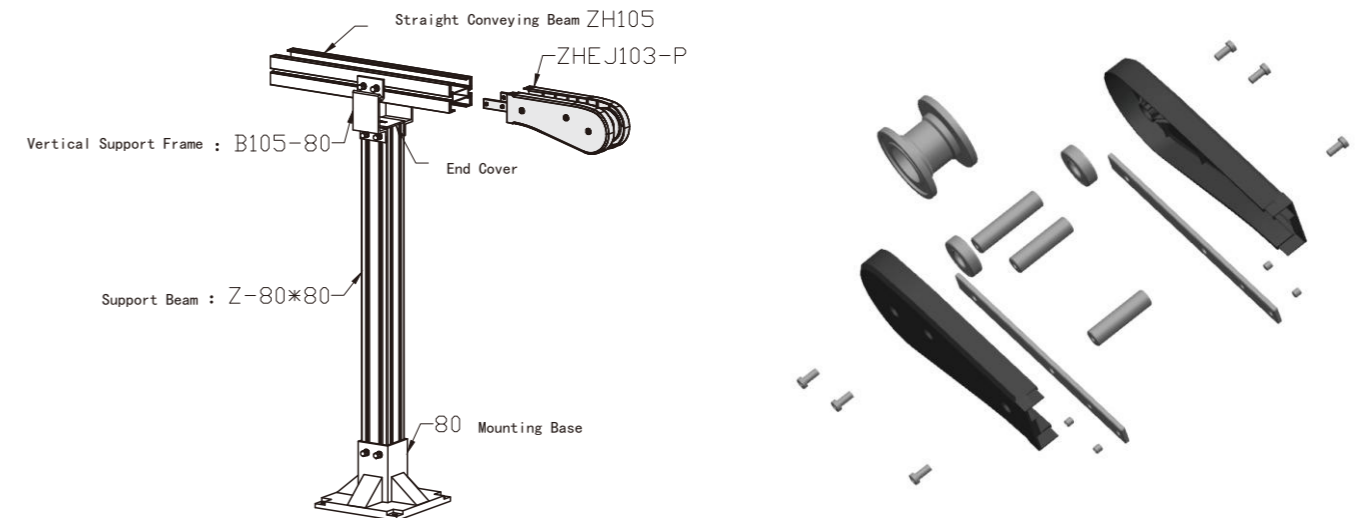
Actual path: 670MM

Match sprocket teeth: 9 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight
Main Machine	Bearing Material can be optional	Flange	Bearing Material can be optional	Fastener	Connector	KG
PA6+GF Black	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	2.10



ZHEJ103

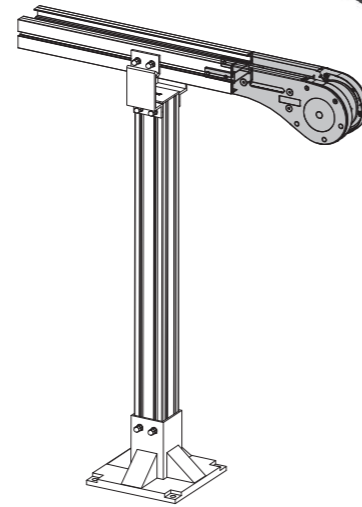
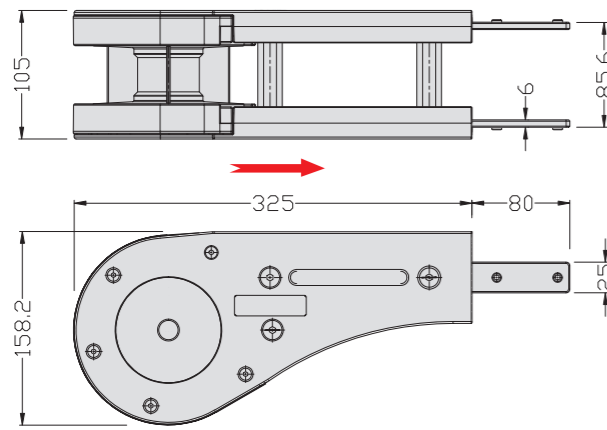
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.



Actual path: 720MM
Match sprocket teeth: 16 teeth

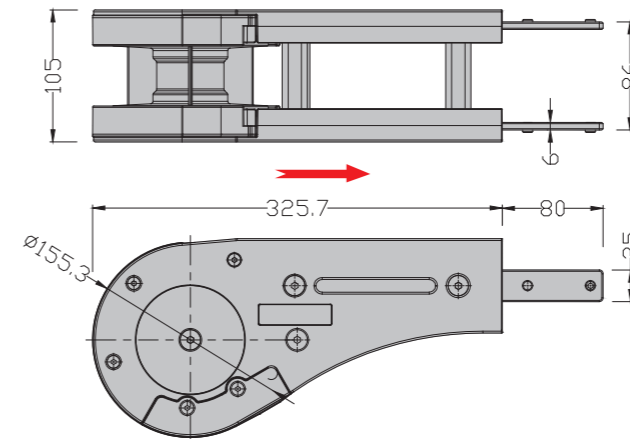
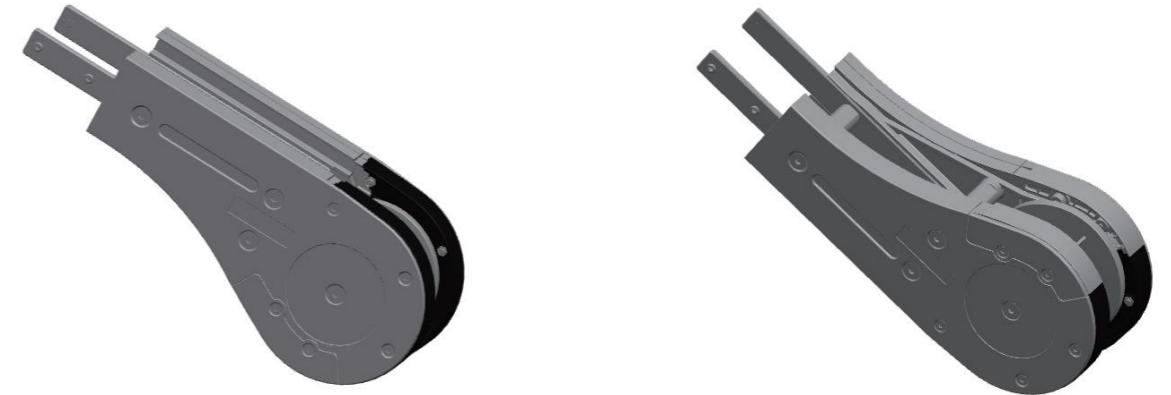
The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	2.94

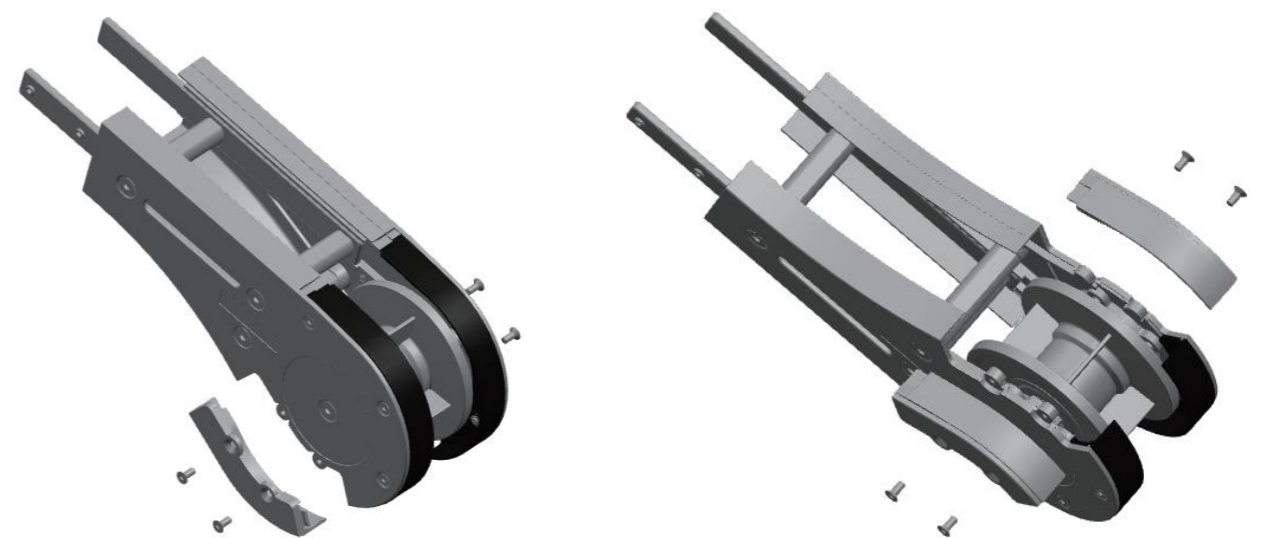
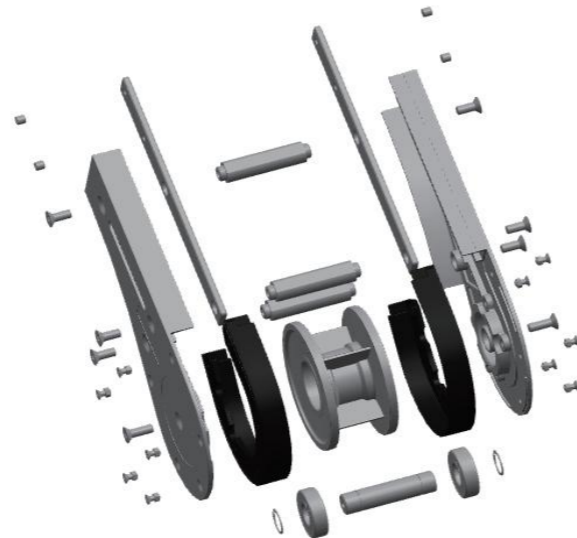
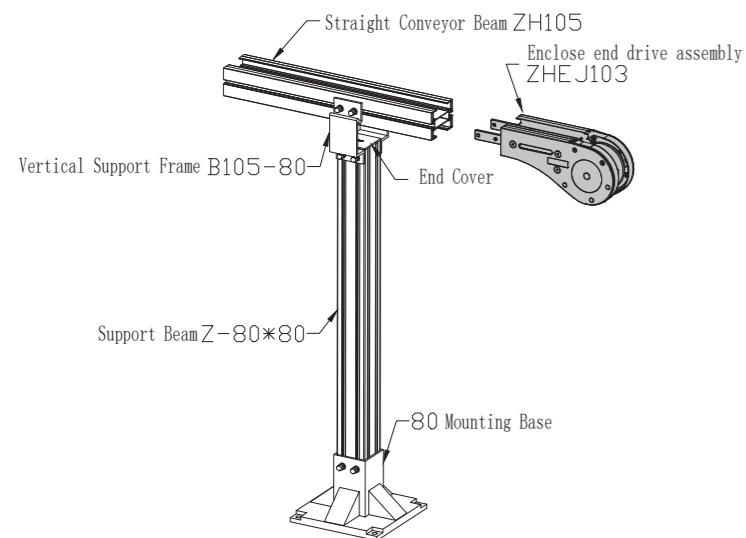
ZH103EJ-12TFT

Split tail sprocket



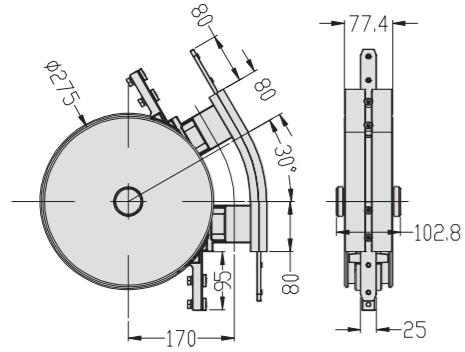
The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.

Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	2.94



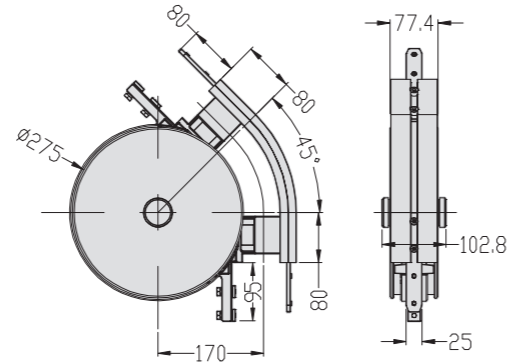
The horizontal guide roller bend can change the direction of the conveying device horizontally while minimizing friction. The bend is designed to extend the lifespan and minimize friction. Each roller is supported by two sealed ball bearings. On certain conveying sections of the products, the use of 90° bend fittings is prohibited. In such cases, the change of direction can be achieved using two 45° or three 30° bend fittings.

ZHBH30R170



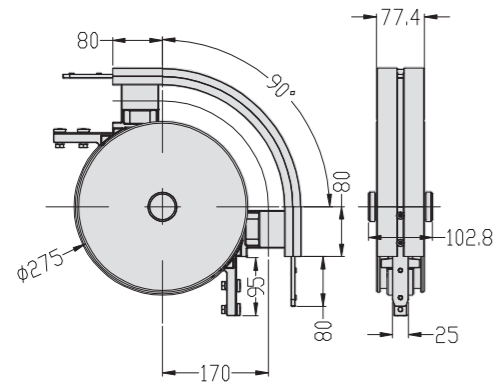
Actual path length: single rail260MM(Double Rail520MM)

ZHBH45R170



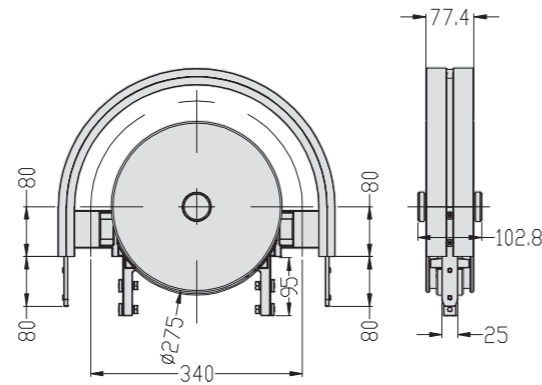
Actual path length: single rail294MM(Double Rail588MM)

ZHBH90R170



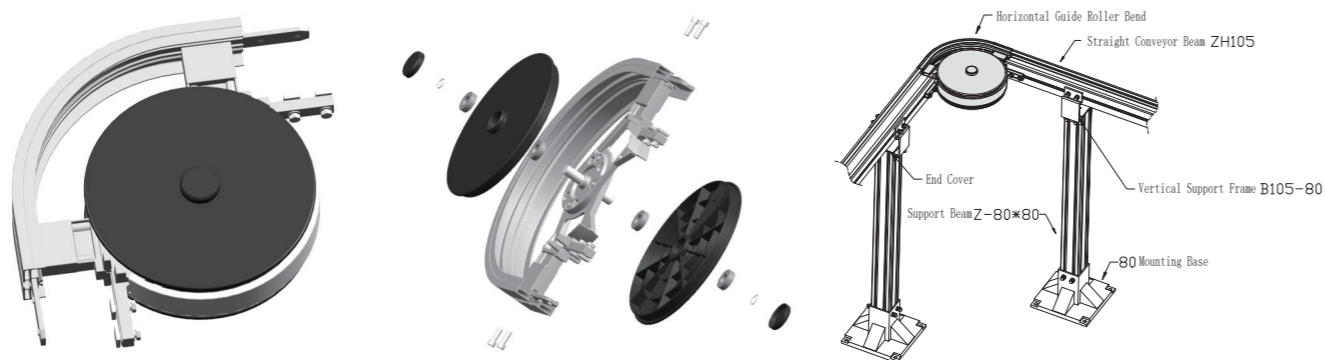
Actual path length: single rail260MM(Double Rail520MM)

ZHBH180R170

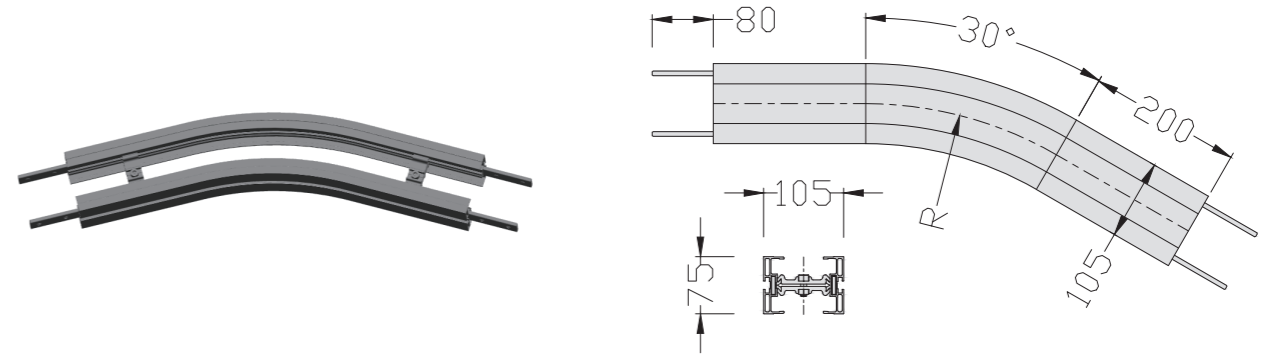


Actual path length: single rail294MM(Double Rail588MM)

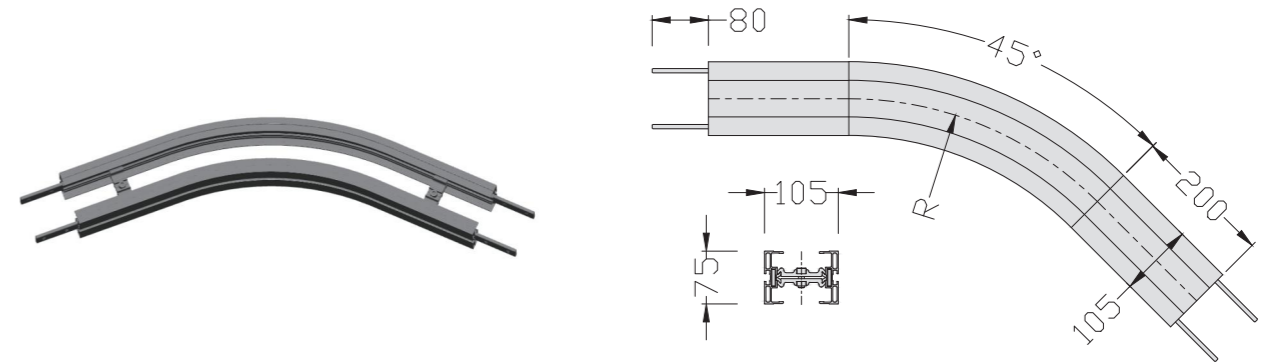
Material/Color						Reference Weight
Curve Rail	Bracket	Disk	Shaft Material can be optional	Fastener	Connecting Strip	KG
6063 Silver	ADC12 Silver	PA6+GF Black/Gray	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	3.98



Standard Horizontal Bend ZH103



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZHBP30R500	R500	662	1324	2.73	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZHBP30R700	R700	766	1532	2.96					
ZHBP30R1000	R1000	923	1846	3.40					



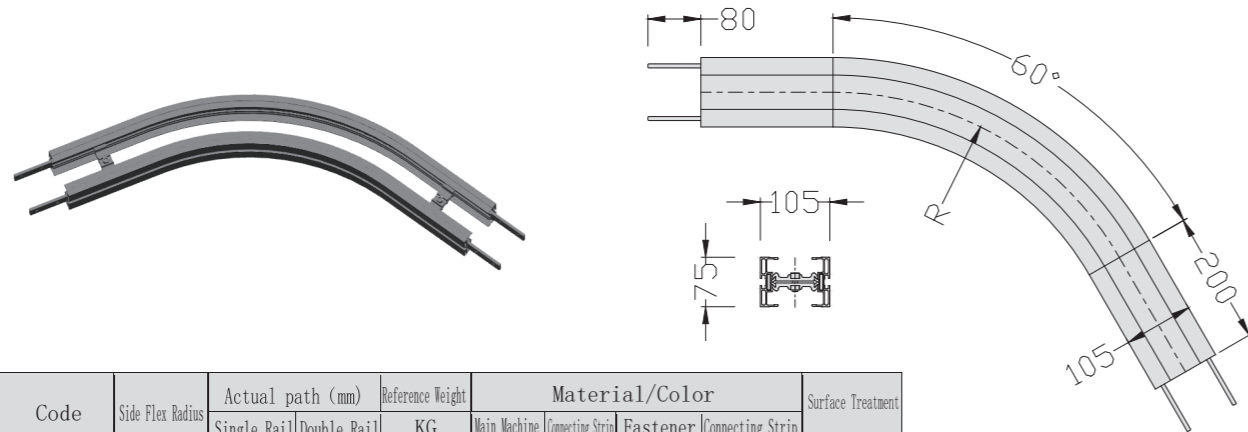
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZHBP45R500	R500	793	1586	3.09	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZHBP45R700	R700	950	1900	3.44					
ZHBP45R1000	R1000	1185	2370	4.05					



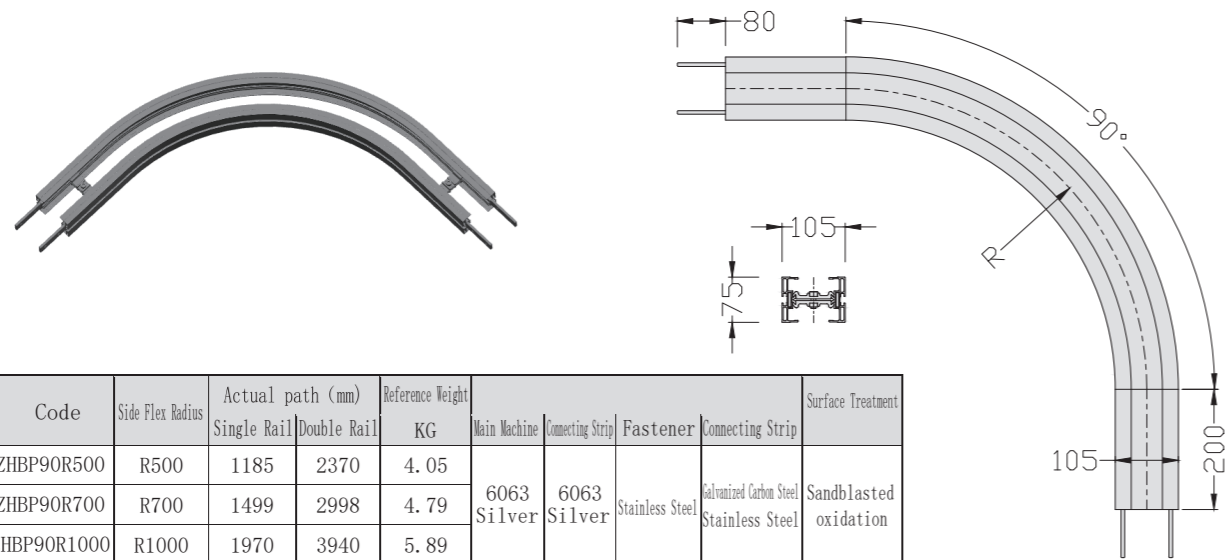
ZH103

ZH103

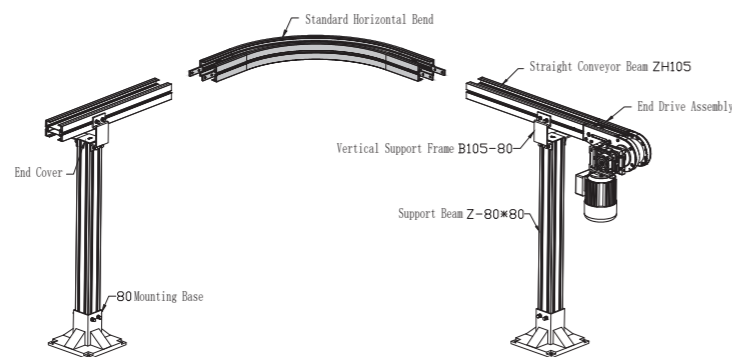
Standard Horizontal Bend ZH103



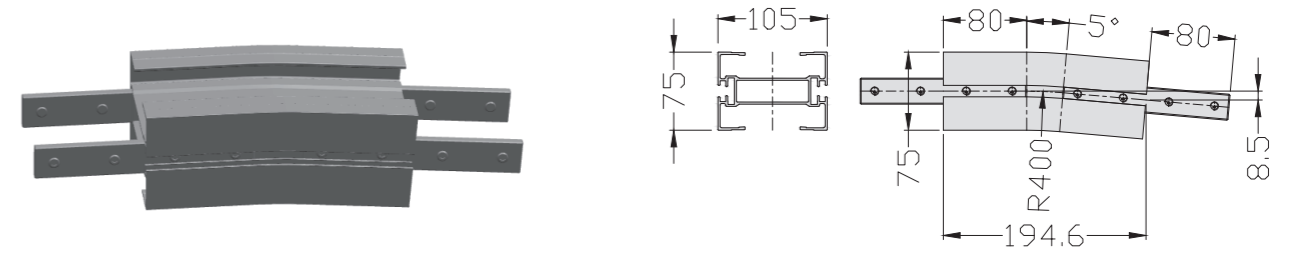
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZHBP60R500	R500	924	1848	3.39	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZHBP60R700	R700	1133	2266	3.93					
ZHBP60R1000	R1000	1447	2894	4.69					



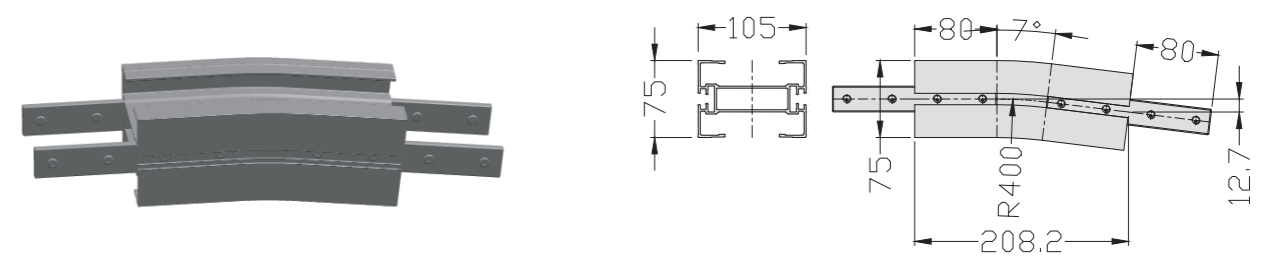
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZHBP90R500	R500	1185	2370	4.05	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZHBP90R700	R700	1499	2998	4.79					
ZHBP90R1000	R1000	1970	3940	5.89					



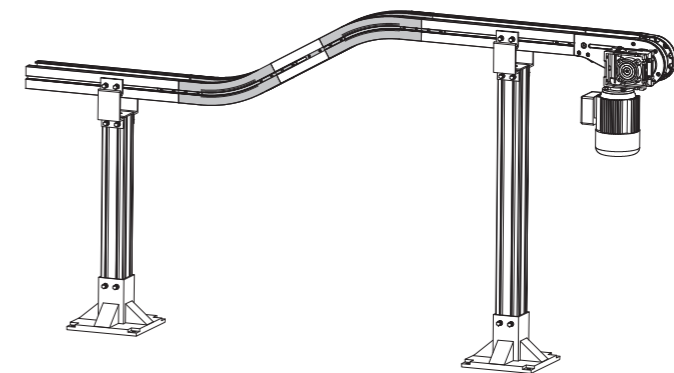
Vertical Bend ZH103



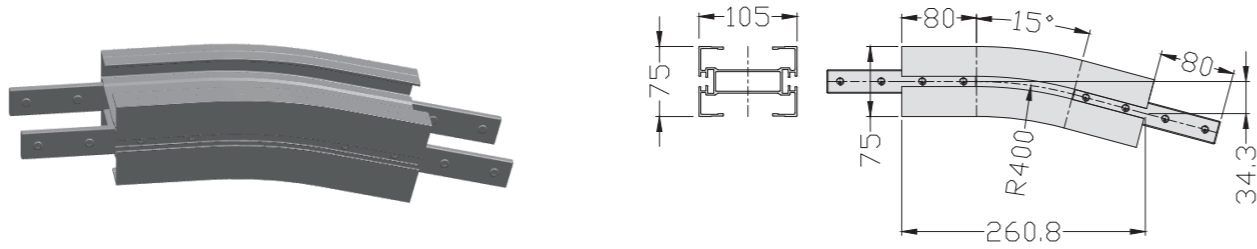
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZHBV5R400	R400	190	380	1.32	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip	
ZHBV7R400	R400	200	400	1.35	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

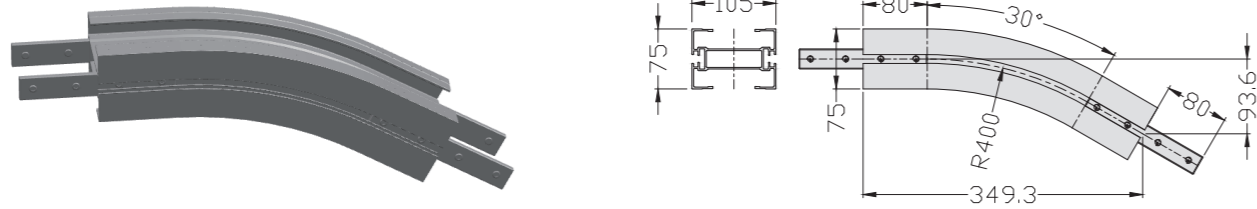


Vertical Bend ZH103

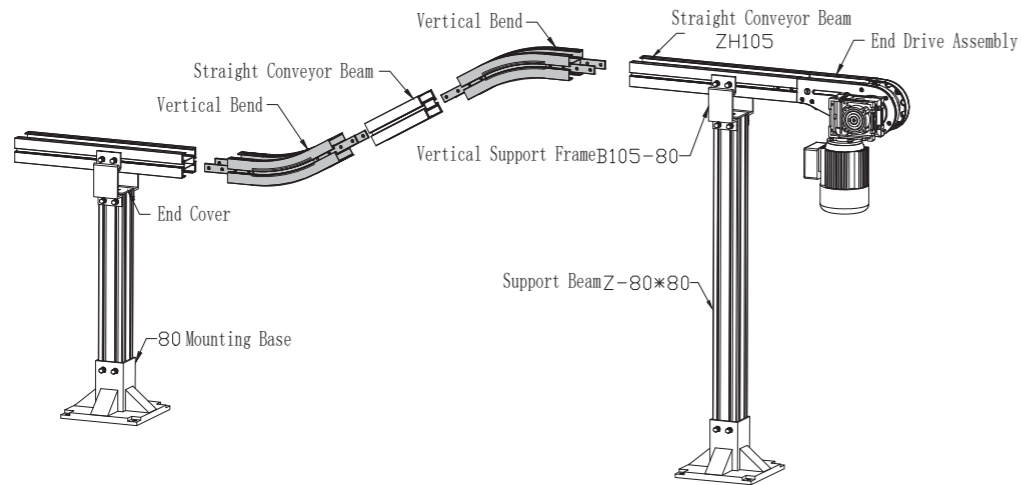


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip		
ZHBV15R400	R400	245	490	1.52	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation	

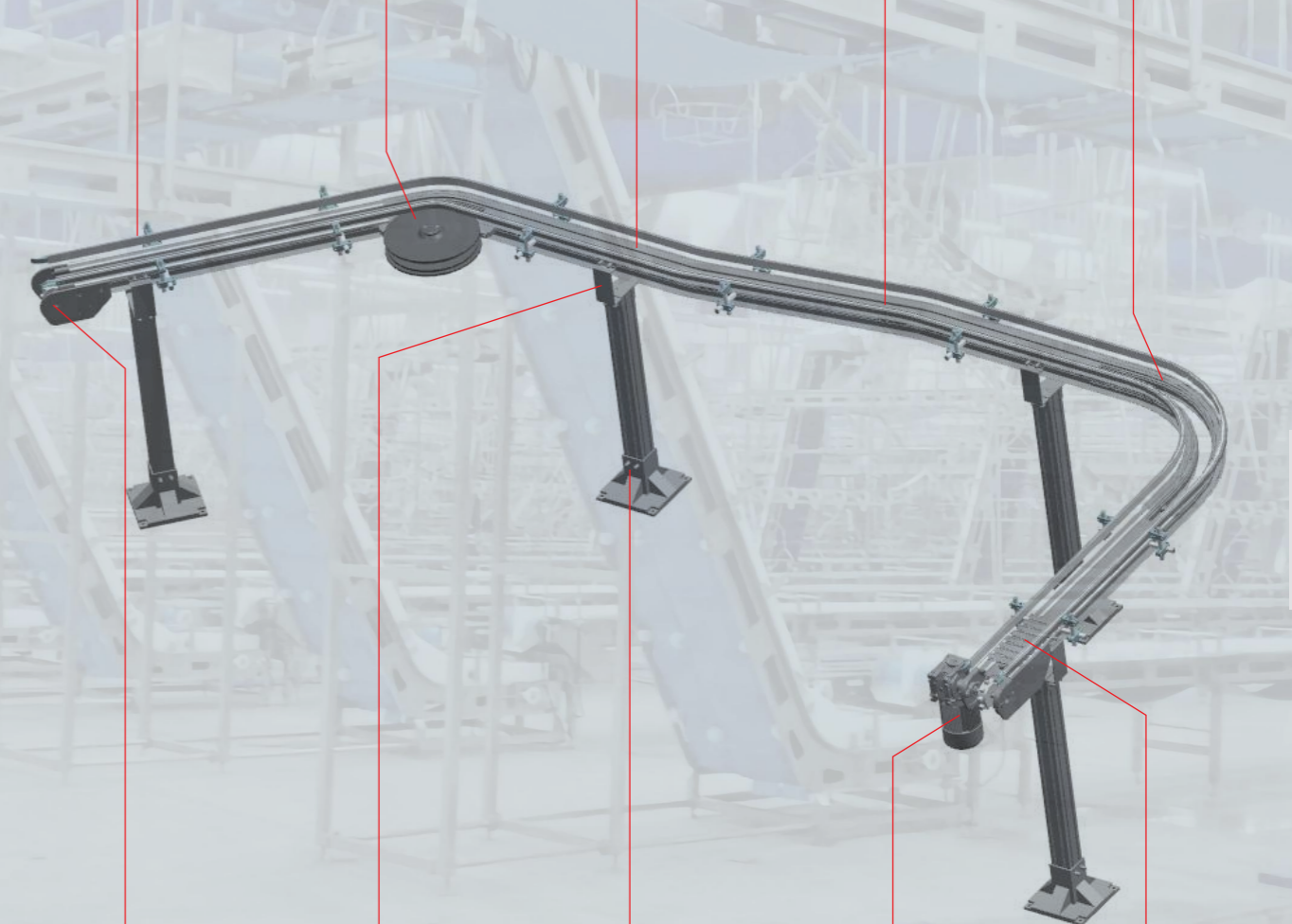
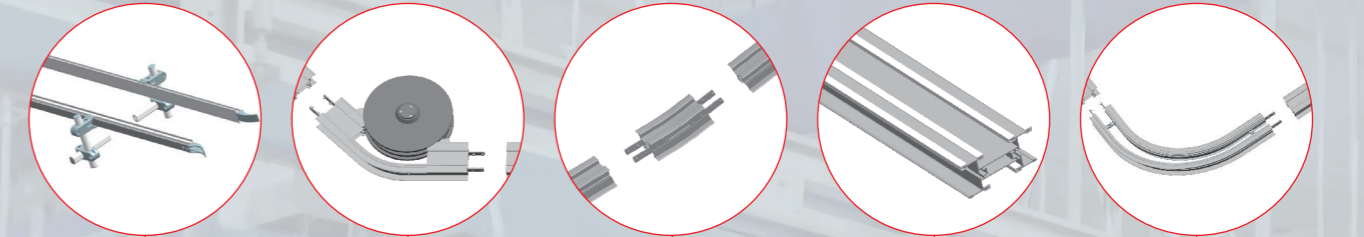
ZH103



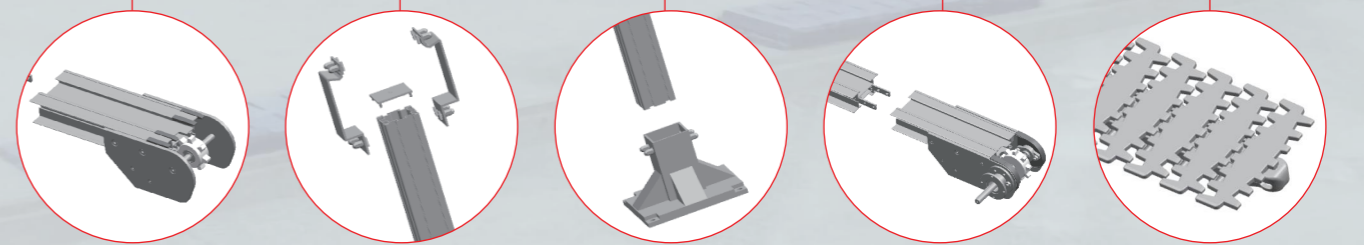
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Fastener	Connecting Strip		
ZHBV30R400	R400	326	650	1.82	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation	



Guide Rail Component Bend Vertical Bend Straight Conveyor Beam Standard Horizontal Bend

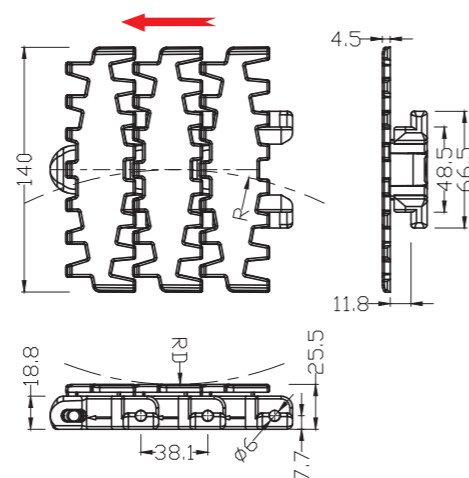


ZK140



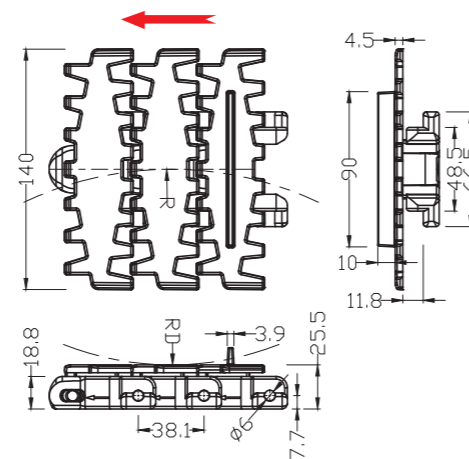
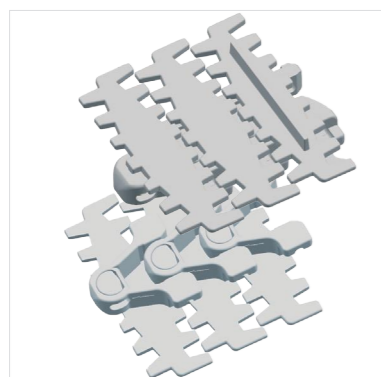
Tail Sprocket Support Module Mounting Base Drive Assembly Conveyor Chain

ZK140A Tabletop Chain



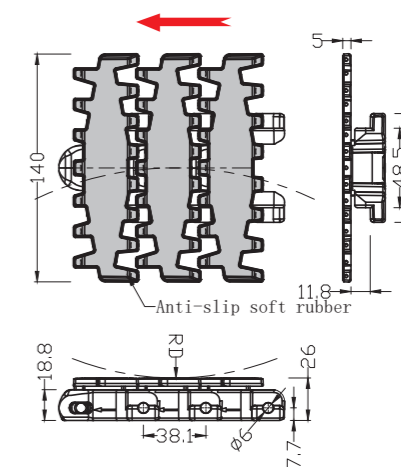
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZK140A	140	1.8	R200	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Suitable for larger items, especially in cases where the balance point deviates from the center, it has a higher load-bearing capacity; such as roller bearings, balls, heavy boxes, gears, brake discs, hydraulic pumps, etc.	
38.1	6	SUS	RD170		

ZK140D wedge chain



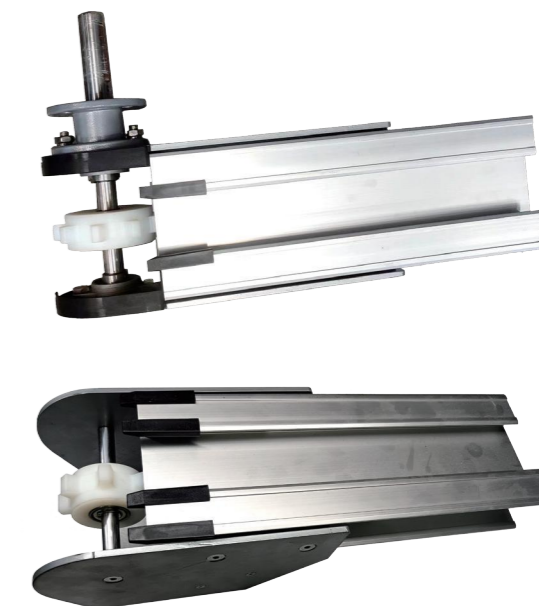
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZK140D	140	1.85	R200	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The wedge chain is used for the vertical or steeply inclined transmission rail. It has various heights and shapes. Select the wedge shape based on the shape of the transported goods.	
38.1	6	SUS	RD170		

ZK140PJ Chain Guide

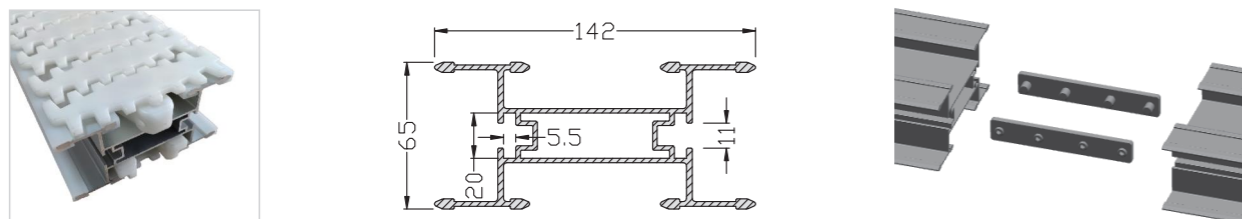


Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZK140PJ	140	1.9	R200	POM+TPU	3100
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
38.1	6	SUS	RD170		

Note: When using the ZK140PJ anti-slip chain, a silent rolling roller should be installed for the return stroke, and the original standard return stroke guide strip should be removed. Note: When using the ZK140PJ anti-slip chain, a silent rolling roller should be installed for the return stroke, and the original standard return stroke guide strip should be removed.

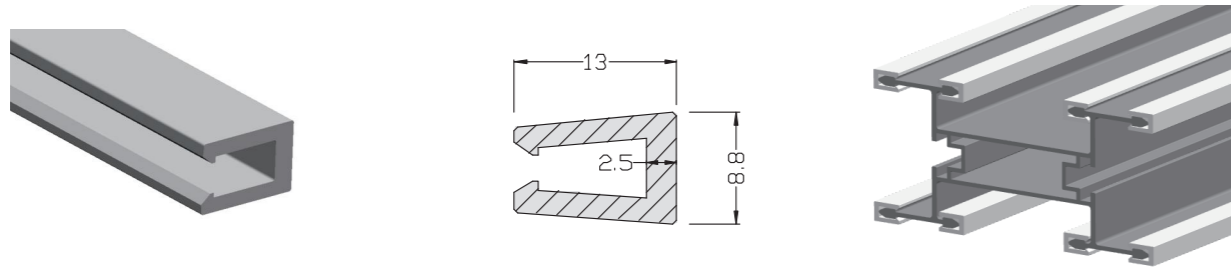


Straight Conveying Beam ZK142



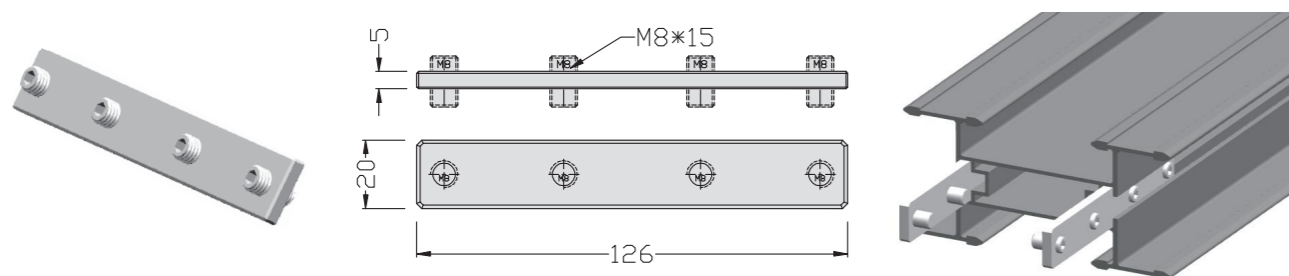
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZK142	Silver	6063	Sandblasted oxidation	ZK140Series	3m/6m	3.1KG/M

Wear Strip:W33



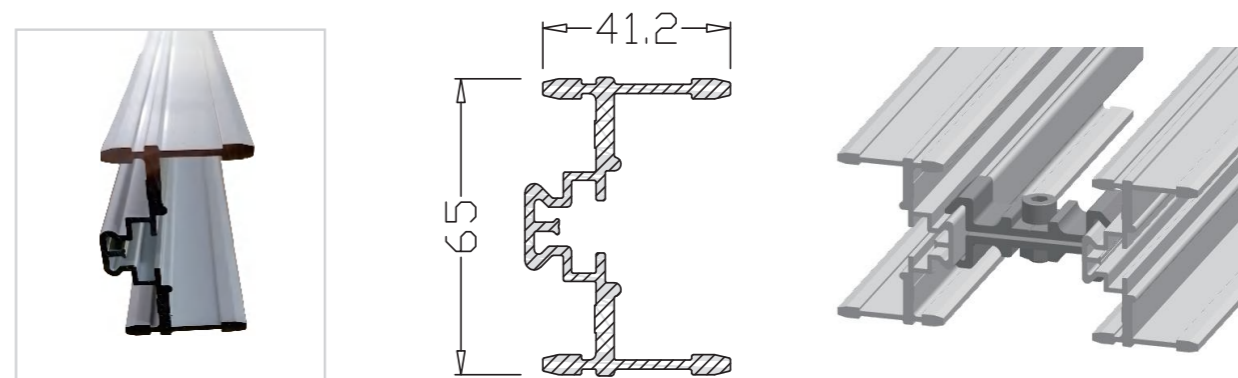
Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W33	White	UPE-200W	ZK145	50m/roll	60g/m

Strip Z-126-20 with location screw



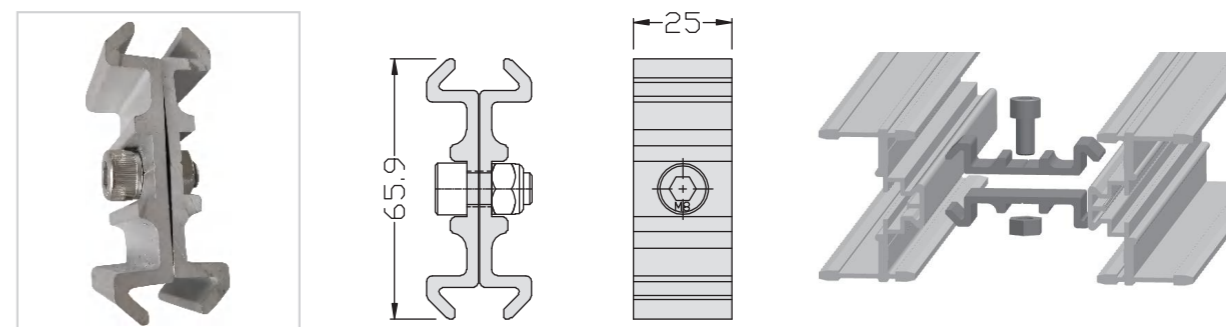
Code	Color	Material Optional	Adaptive Conveyor Beam	Reference Weight
Z-126-20	White	Galvanized Carbon Steel Stainless Steel	ZS45/ZK145	0.12KG including 4 setscrew

Hontal Half Beam:ZKB142



Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZKB142	Silver	6063	Sandblasted oxidation	3m/6m	1.48KG/M

Clamp:ZKJ142



※ Main application: After being bent horizontally, the half beam will match with clamp, and work in horizontal Guide Roller Bend and standard Horizontal Bend.

Code	Color	Material	Surface Treatment	SPEC	Reference Weight
ZKJ142	Silver	6063	Sandblasted oxidation	3m/6m	60g

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

Technical Parameters

Chain Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
142mm	38.1mm	9Teeth	2500N	30m	150-300KG	5-50m/min

ZKEB140

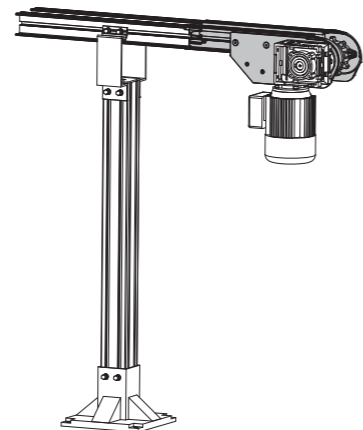
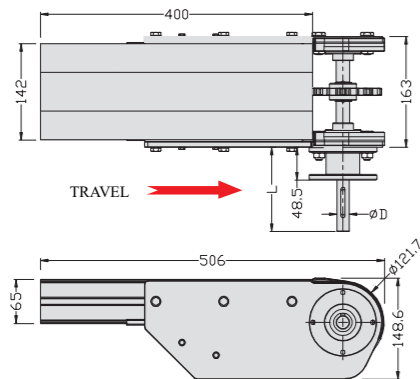
Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.

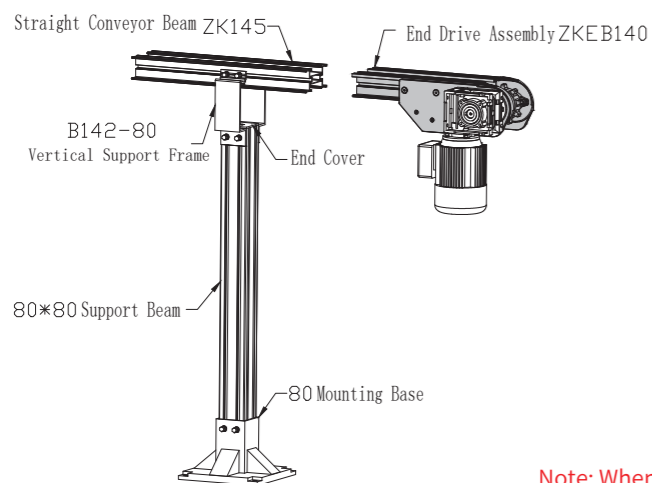


Picture shows shaft output from right (motor locates right), motor put in left can be optional.
Actual path: 1070MM
Match sprocket teeth: 9 teeth

Flange, shaft length and diameter can be optional,
kN is 2500N, linear speed is 5-50m/min.



Material/Color								Reference Weight
Side Plate	Shaft Material can be optional	Sprocket	Shaft Material can be optional	Fastener	Main Machine	Connecting Strip	Flange	KG
6061 Spray-painted gray	Stainless Steel Chromium-plated Steel	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	6063 Silver	PA6 gray/black	ADC12 Spray-painted gray	5.30



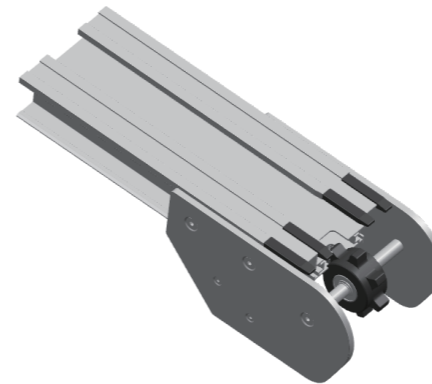
Note: When using the ZK140PJ anti-slip chain, a silent rolling roller should be installed for the return stroke, and the original standard return stroke guide strip should be removed.

Tail Sprocket including free wheel with ball bearing, the middle wheel setting for changing chain direction with min friction. The tail sprocket device is installed at the entrance end of the conveyor. If a central drive device is used, one tail wheel device will be installed at the entrance and another at the exit.

Tail Sprocket

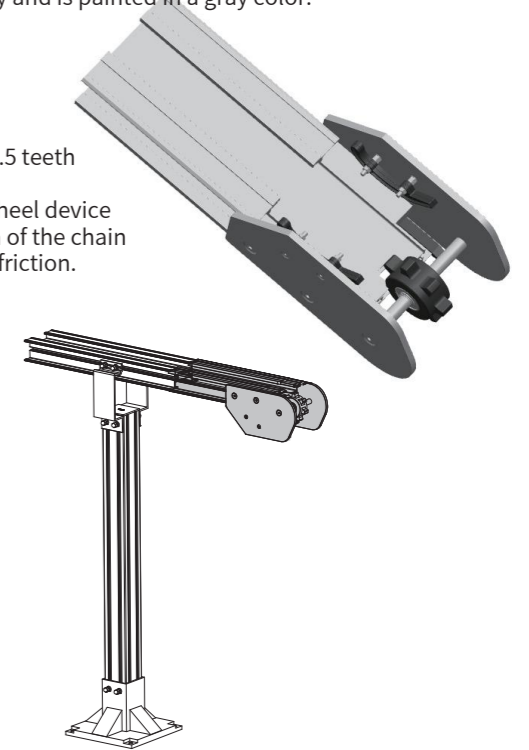
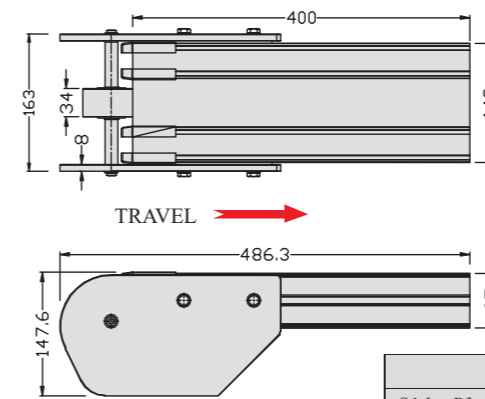
ZKEJ140

The shell is made of aluminum alloy and is painted in a gray color.

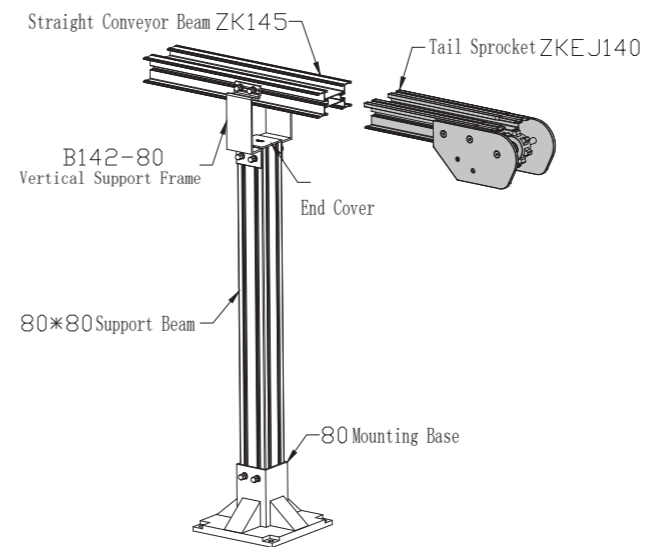


Actual path: 1000MM
Match sprocket teeth: 7.5 teeth

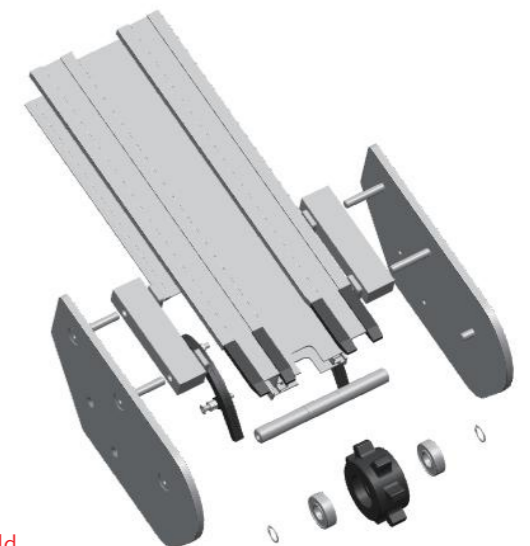
The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



Material/Color						Reference Weight
Side Plate	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Main Machine	KG
6061 Spray-painted gray	Stainless Steel	White Nylon	Bearing Steel Stainless Steel	Stainless Steel	6063 Silver	3.40

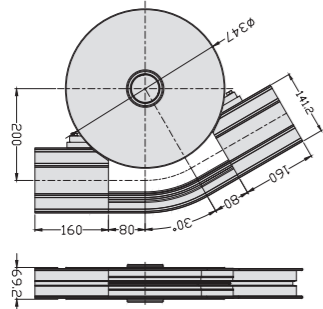


Note: When using the ZK140PJ anti-slip chain, a silent rolling roller should be installed for the return stroke, and the original standard return stroke guide strip should be removed.



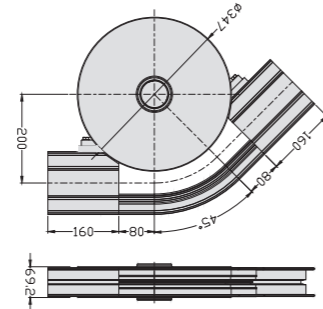
The horizontal guide roller bend can change the direction of the conveying device horizontally while minimizing friction. The bend is designed to extend the lifespan and minimize friction. Each roller is supported by two sealed ball bearings. On certain conveying sections of the products, the use of 90° bend fittings is prohibited. In such cases, the change of direction can be achieved using two 45° or three 30° bend fittings.

ZKBH30R200



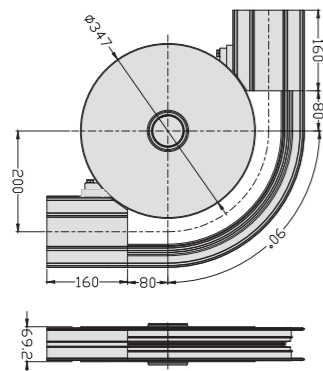
Supply status: Including 4 connection strips
Actual path: Single Rail 585mm (Double Rail 1170mm)

ZKBH45R200



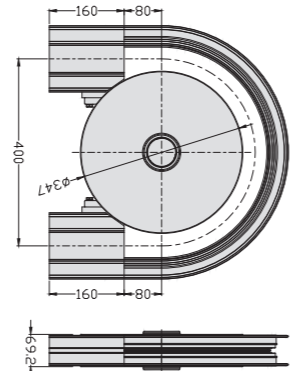
Supply status: Including 4 connection strips
Actual path: Single Rail 637mm (Double Rail 1274mm)

ZKBH90R200



Supply status: Including 4 connection strips
Actual path: Single Rail 794mm (Double Rail 1588mm)

ZKBH180R200

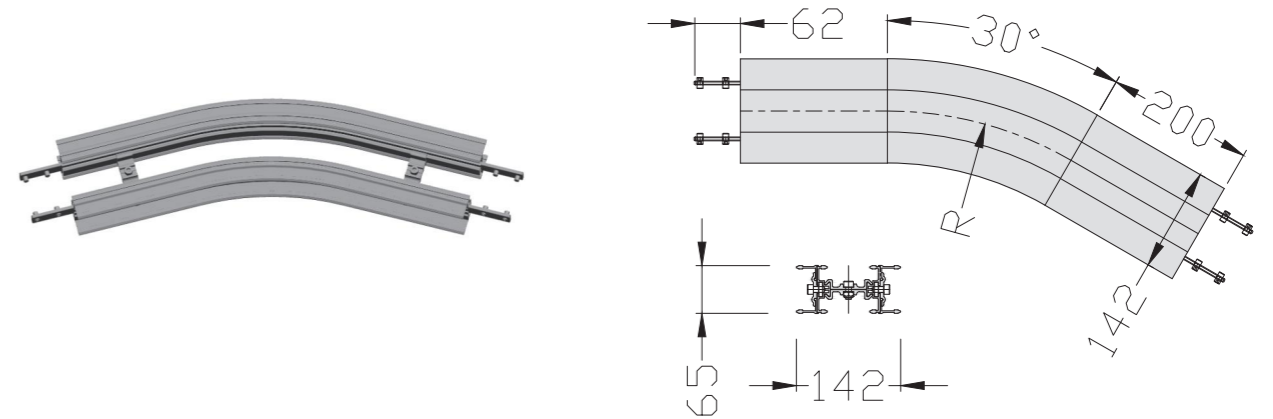


Actual path: Single Rail 794mm (Double Rail 1588mm)
Actual path: Single Rail 1108mm (Double Rail 2216mm)

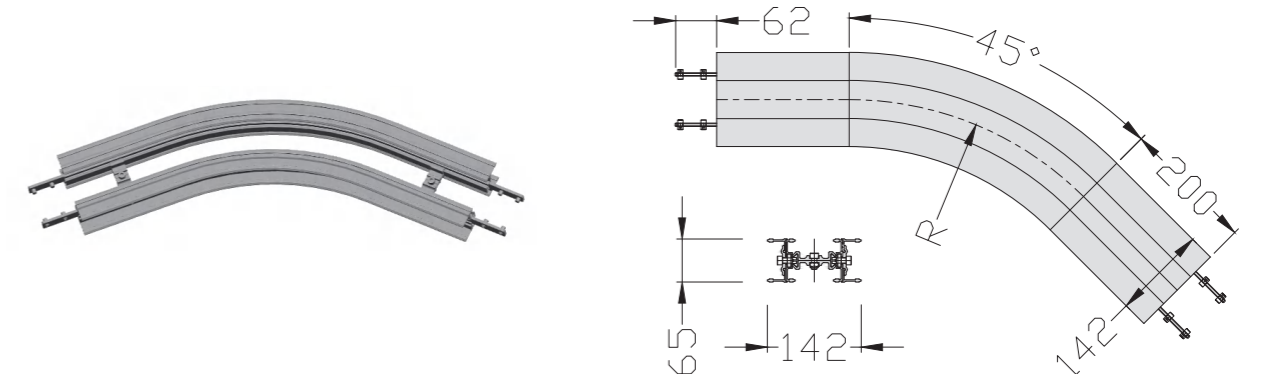
Material/Color						Reference Weight
Curve Rail	Bracket	Disk	Bearing Material can be optional	Fastener	Connecting Strip	KG
6063 Silver	6061 Silver	Black Nylon	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	7.60



Horizontal Bend ZK140



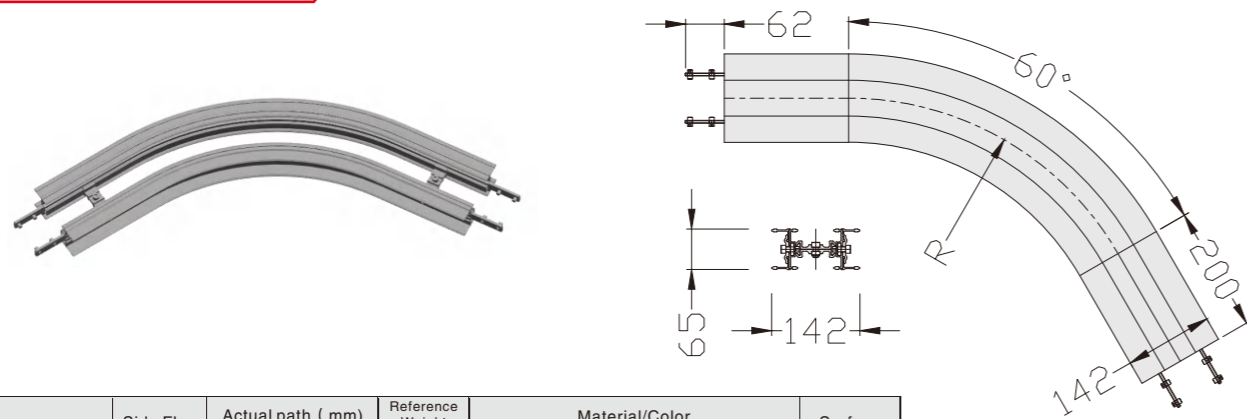
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZKBP30R500	R500	662	1324	2.78	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZKBP30R700	R700	766	1532	3.10					
ZKBP30R1000	R1000	923	1846	3.60					



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZKBP45R500	R500	793	1586	3.20	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZKBP45R700	R700	950	1900	3.70					
ZKBP45R1000	R1000	1185	2370	4.40					

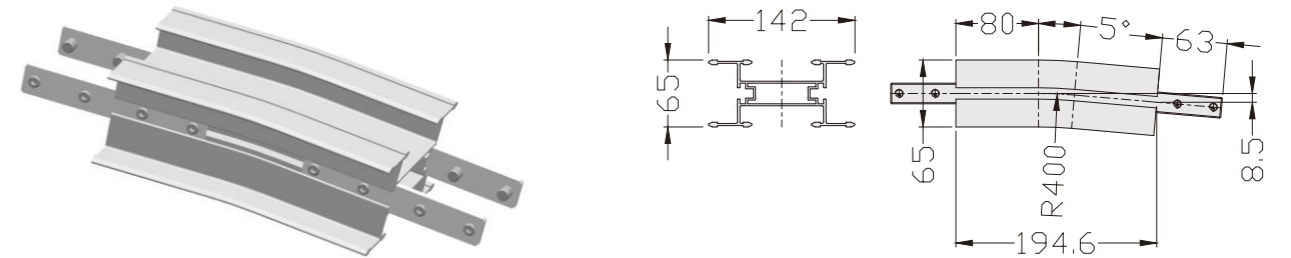


Standard Horizontal Bend Zk140



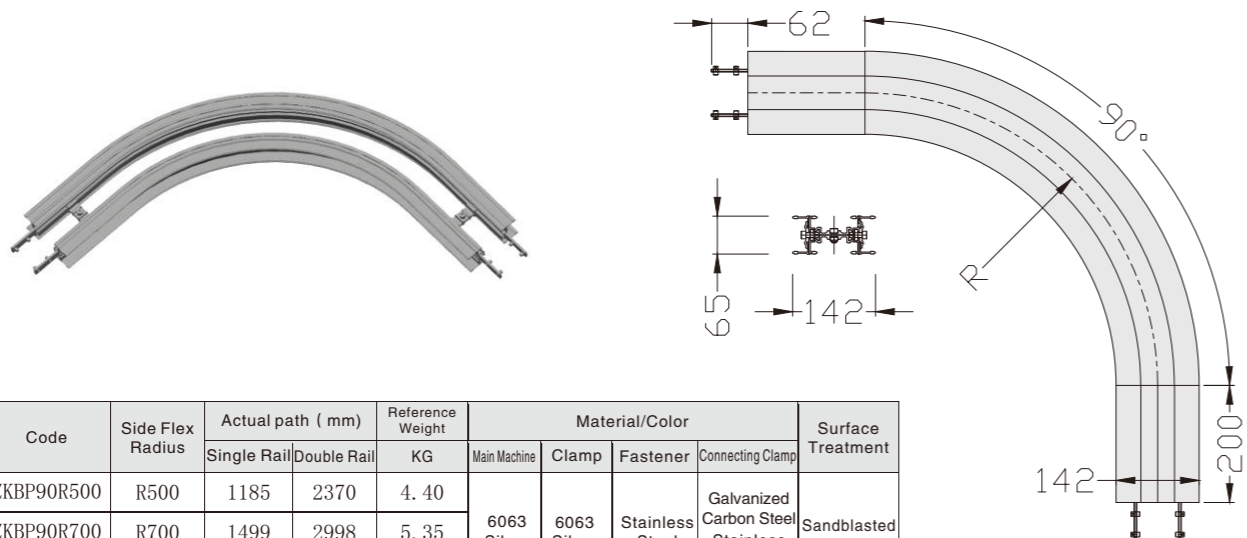
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Clamp	
ZKBP60R500	R500	924	1848	3.60	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZKBP60R700	R700	1133	2266	4.20					
ZKBP60R1000	R1000	1447	2894	5.20					

Vertical Bend ZK140



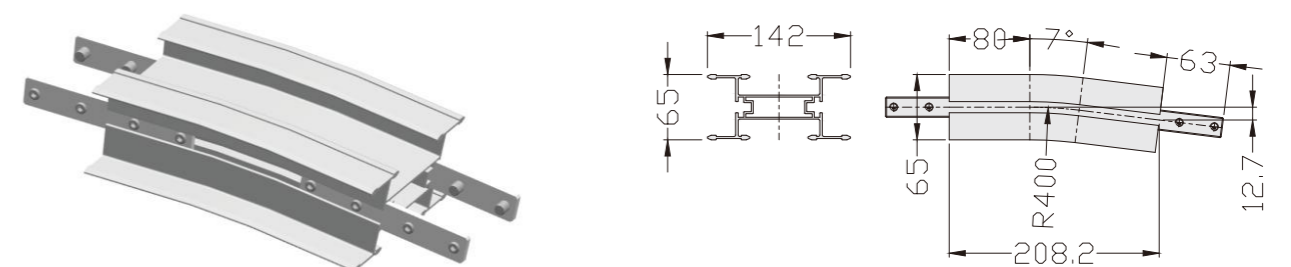
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connector	
ZKBV5R400	R400	195	390	1.06	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

ZK140

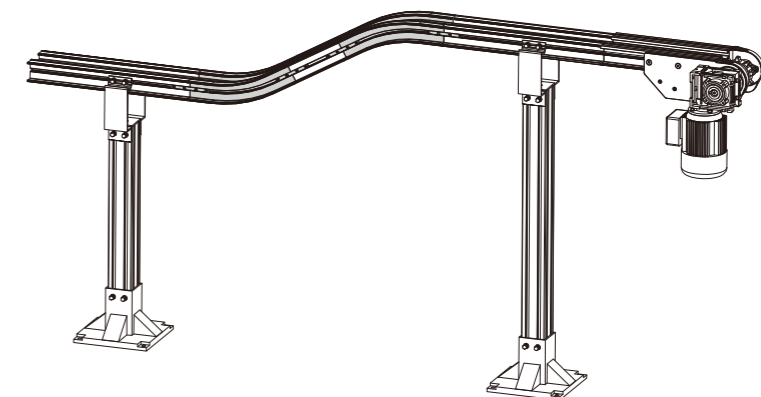
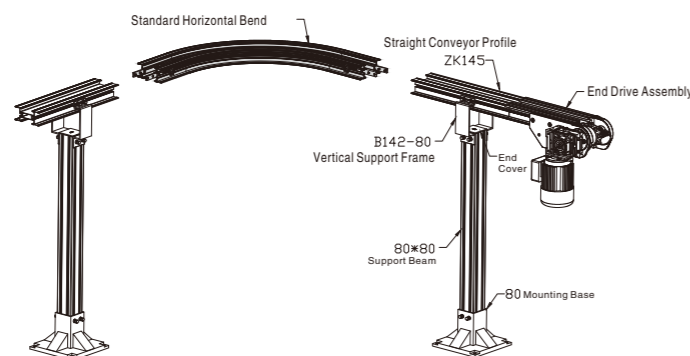


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Clamp	
ZKBP90R500	R500	1185	2370	4.40	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZKBP90R700	R700	1499	2998	5.35					
ZKBP90R1000	R1000	1970	3940	9.80					

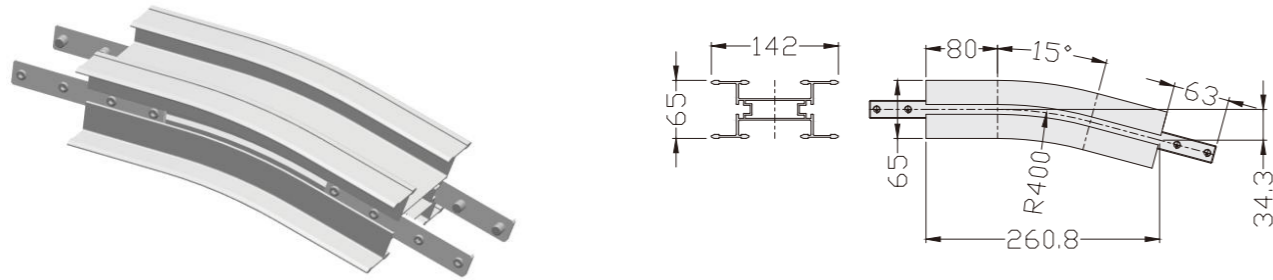
ZK140



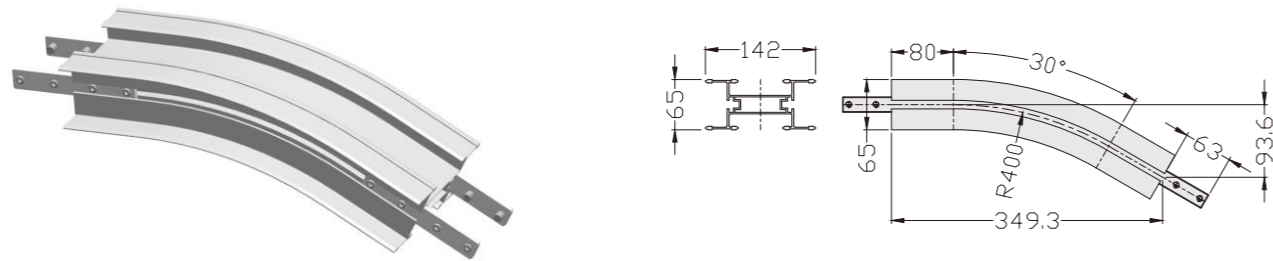
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connector	
ZKBV7R400	R400	209	418	1.10	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



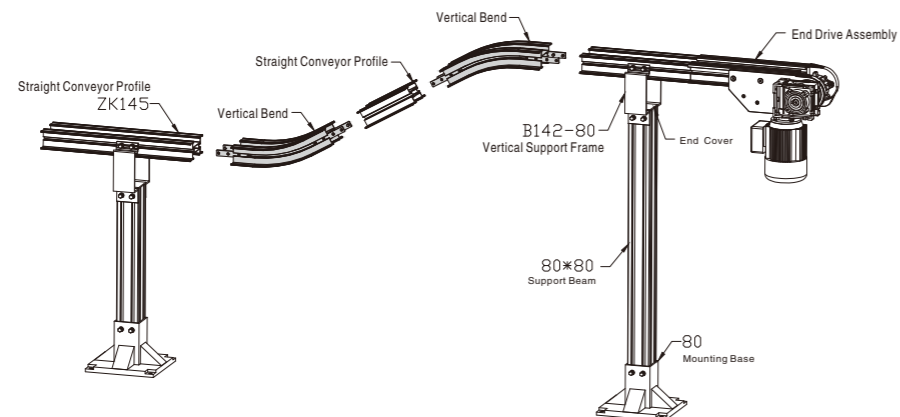
Vertical Bend ZK140



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connector	
ZKBV15R400	R400	265	530	1.28	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connector	
ZKBV30R400	R400	370	740	1.60	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

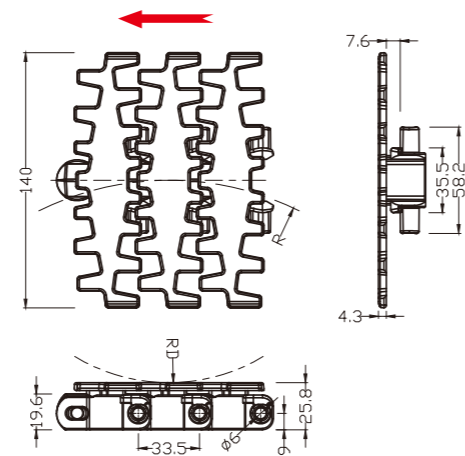


ZK140



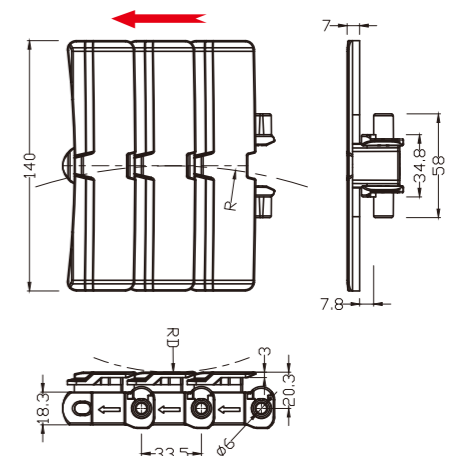
ZM140

ZM140-83G Flat Teeth Chain



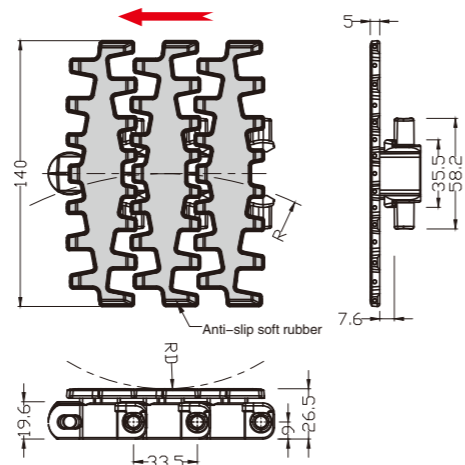
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZM140-83G	140	1.8	R160	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Based on the friction coefficient between the product and the chain, the maximum lifting angle of the flat chain can reach 5 degrees.	
33.5	6	SUS	RD100		

ZM140A-83G Tabletop Chain



Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZM140A-83G	140	1.6	R250	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Double-layer overlapping plate structure, maintaining smaller gaps during turning, suitable for the transportation of smaller item. Due to its minimum Side Flex Radius of 250, if it is to be operated using standard wheel bends, a custom R250 wheel bend mechanism must be designed to match it.	
33.5	6	SUS	RD120		

ZM140PJ-83G Chain Guide



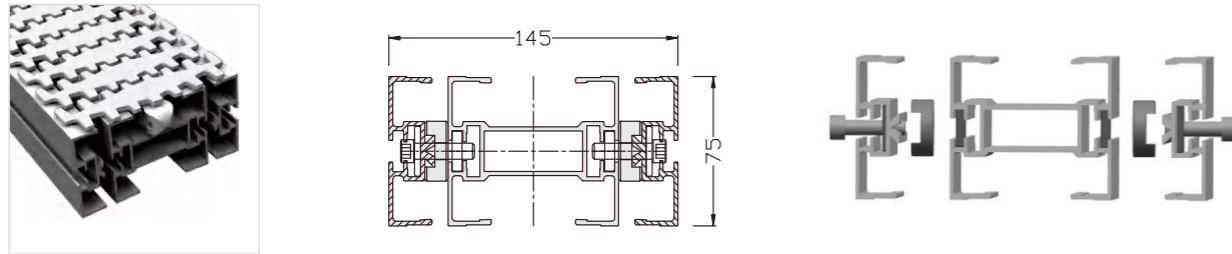
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZM140PJ-83G	140	1.88	R160	POM+TPU	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
33.5	6	SUS	RD100		



ZM140

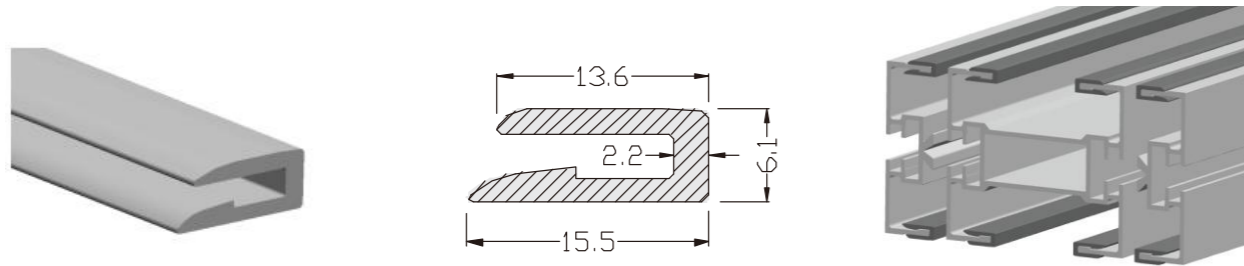
ZM140

Straight Conveyor Beam ZM145



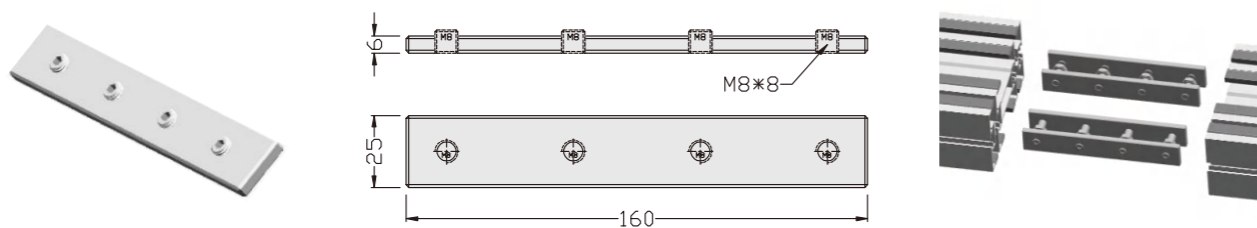
Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZM145	Silver	6063	Sandblasted oxidation	ZM140 Series	3m/6m	4.7KG/M(excluding parts)

Wear Strip: W45-1



Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50 m/roll	50 g/m

Strip Z-160-25 with location screw



Code	Color	Material Optional	Adaptive Conveyor Beam	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.19KG including 4 setscrew

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

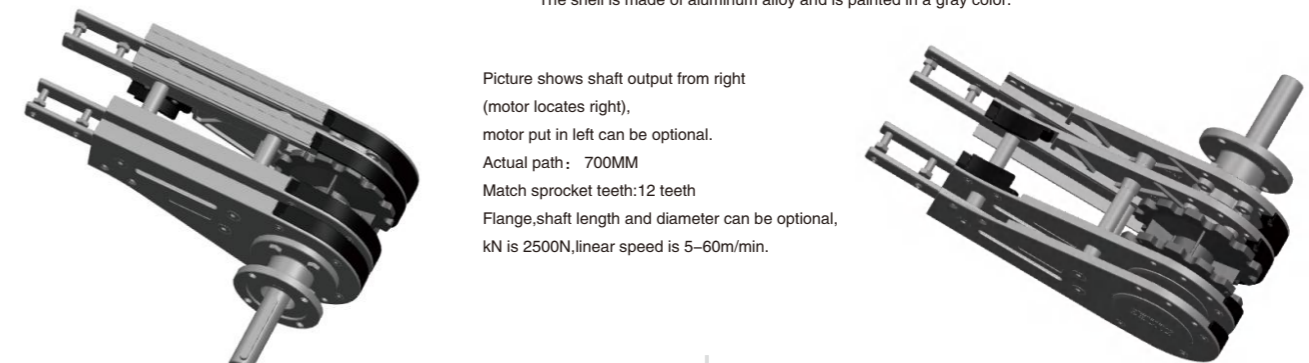
Technical Parameters

Chain Width	Pitch	Drive Tooth	kN	Max Length	Max Loading	Linear Speed
145mm	33.5mm	12 Teeth	2500N	30m	150-300KG	5-60m/min

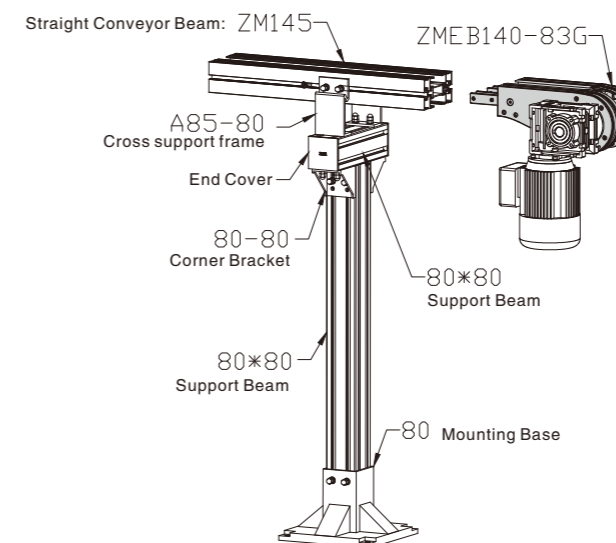
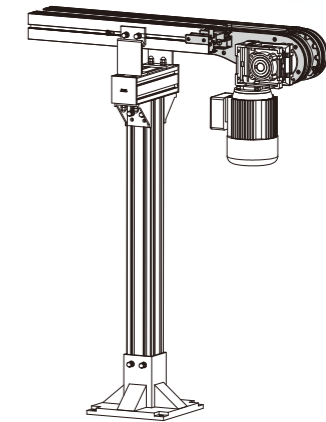
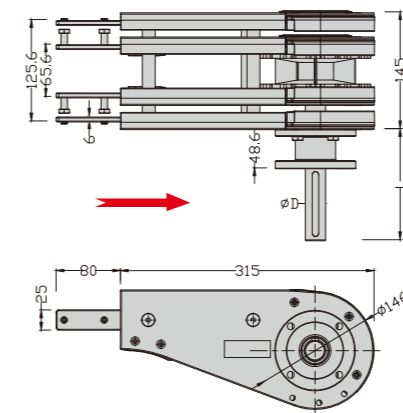
ZMEB140-83G

Half enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



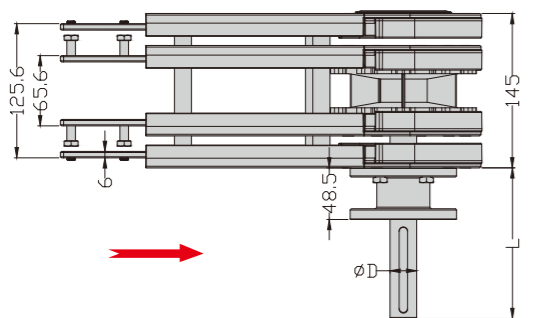
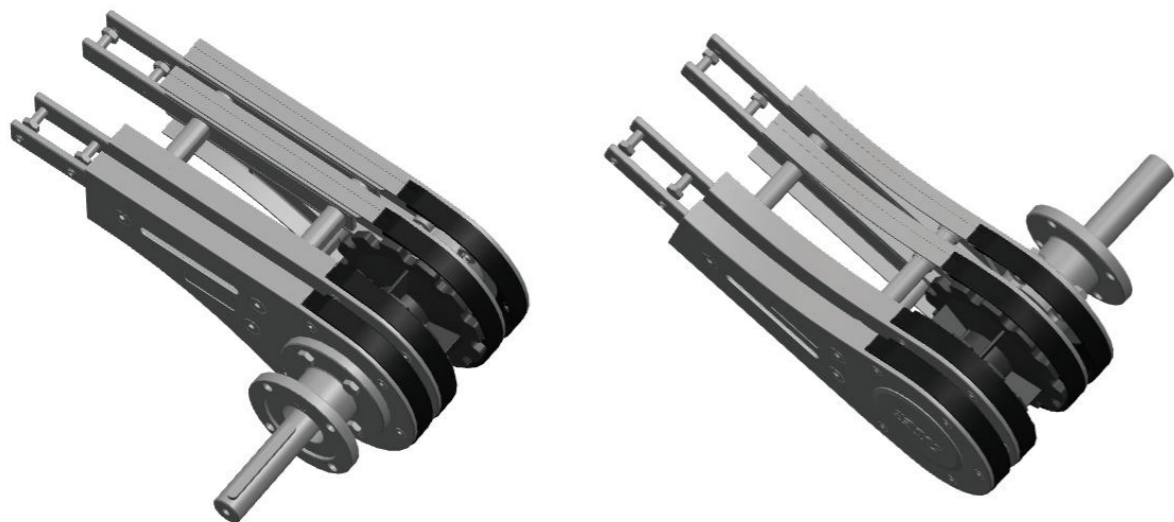
Picture shows shaft output from right (motor locates right), motor put in left can be optional.
Actual path: 700MM
Match sprocket teeth: 12 teeth
Flange, shaft length and diameter can be optional, kN is 2500N, linear speed is 5-60m/min.



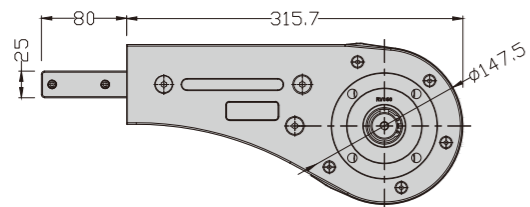
ZMEB140-83GQB

Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional.
 Actual path: 700MM
 Match sprocket teeth: 12 teeth
 Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
 kN is 2500N, linear speed is 5-60m/min.



Material/Color								Reference Weight
Main Machine	Shaft Material can be optional	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	5.90

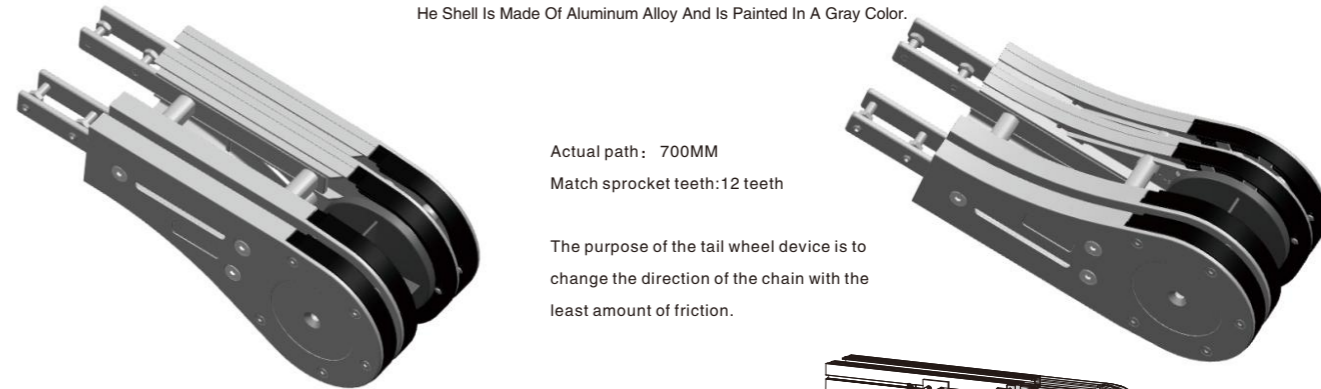
ZM140 Tail Sprocket

Tail Sprocket including free wheel with ball bearing, the middle wheel setting for changing chain direction with min friction. The tail sprocket device is installed at the entrance end of the conveyor. If a central drive device is used, one tail wheel device will be installed at the entrance and another at the exit.

ZMEJ140-83G

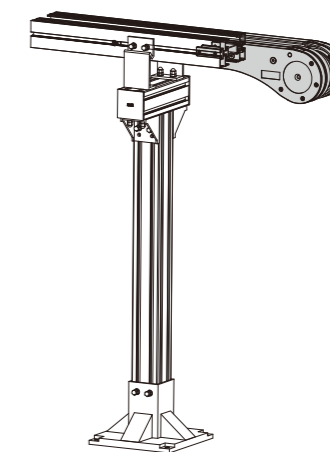
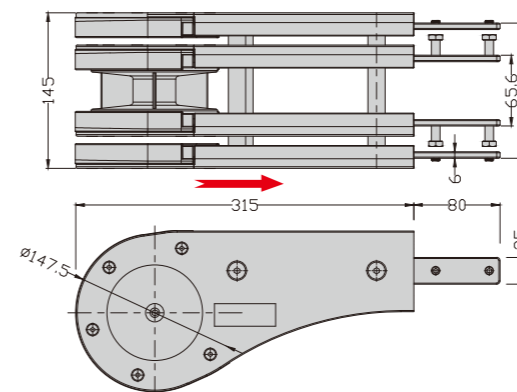
All in one tail sprocket

He Shell Is Made Of Aluminum Alloy And Is Painted In A Gray Color.

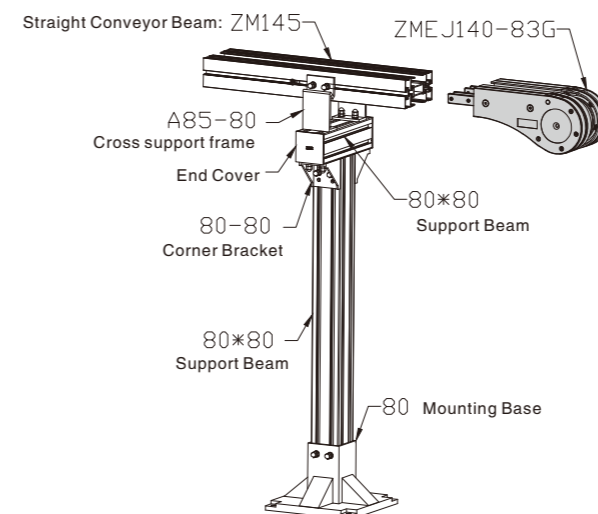


Actual path: 700MM
 Match sprocket teeth: 12 teeth

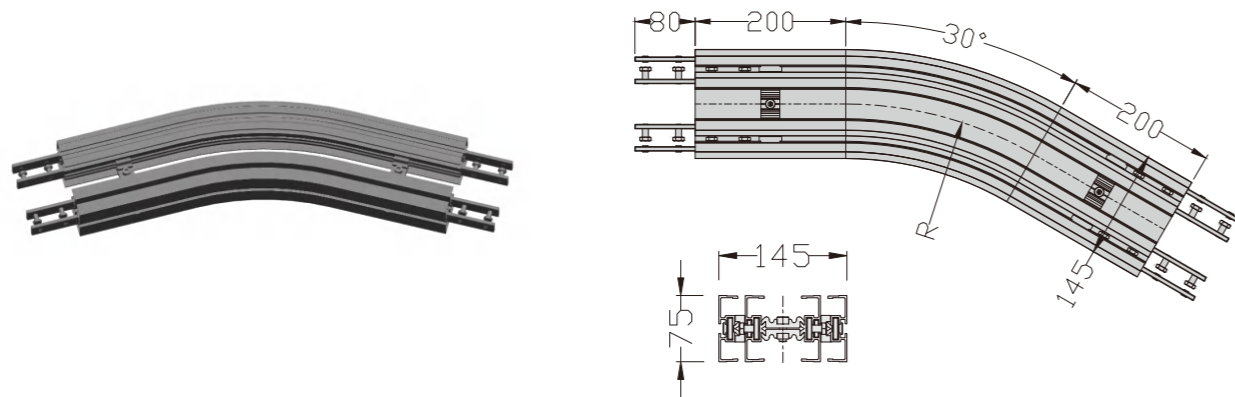
The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



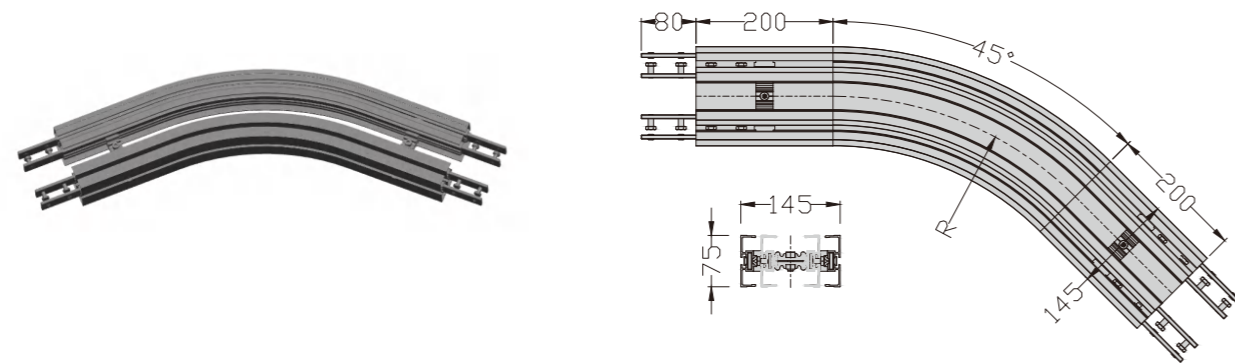
Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Bearing Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	4.30



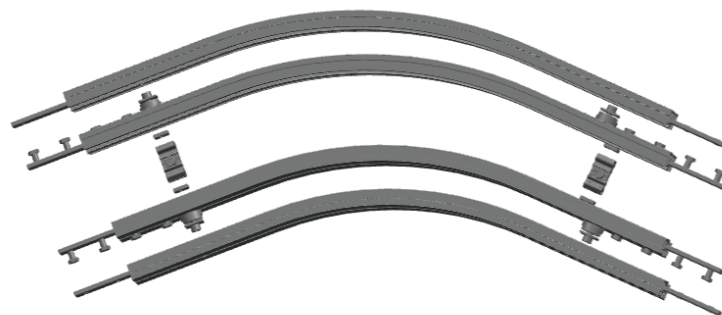
Standard Horizontal Bend ZM140



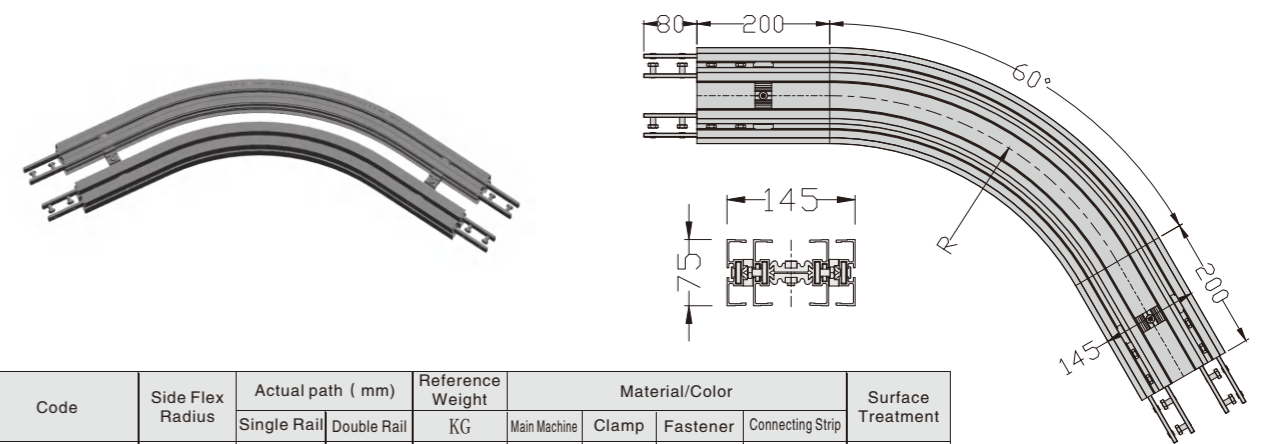
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZM140BP30R500	R500	662	1324	4.98	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZM140BP30R700	R700	766	1532	5.50					
ZM140BP30R1000	R1000	923	1846	6.20					



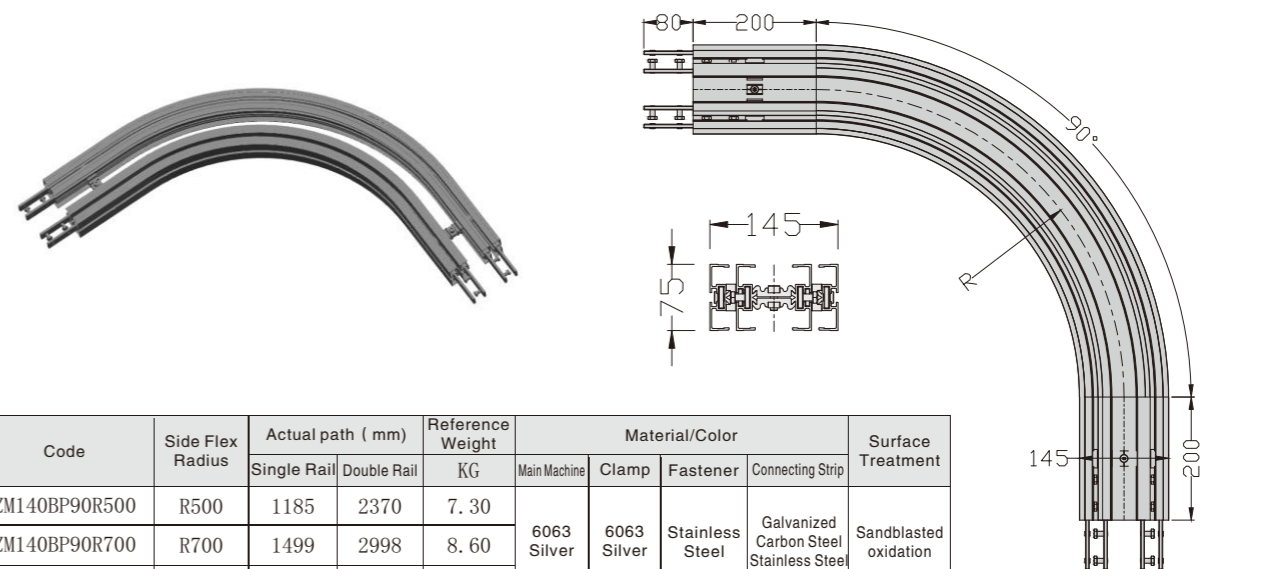
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZM140BP45R500	R500	793	1586	5.60	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZM140BP45R700	R700	950	1900	6.30					
ZM140BP45R1000	R1000	1185	2370	8.30					



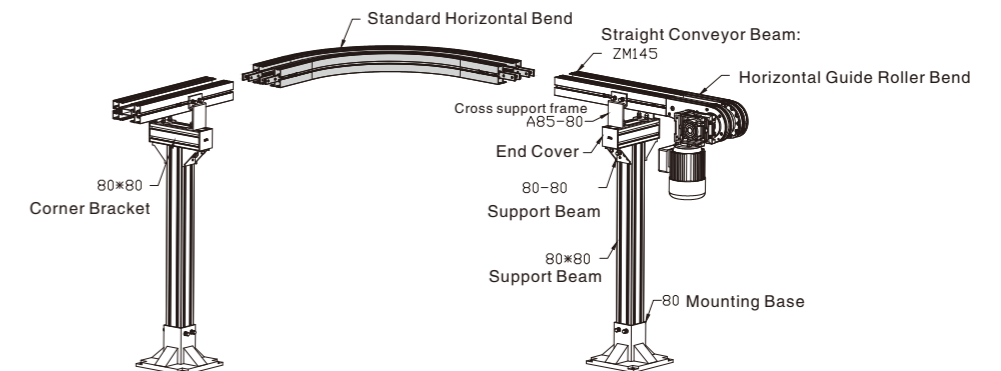
Standard Horizontal Bend ZM140



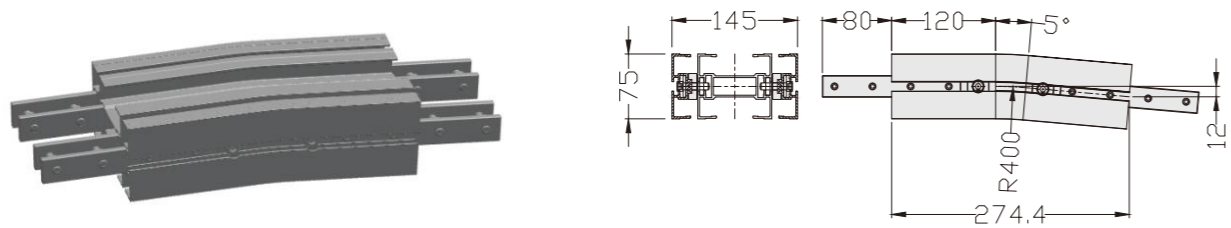
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZM140BP60R500	R500	924	1848	6.20	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZM140BP60R700	R700	1133	2266	7.10					
ZM140BP60R1000	R1000	1447	2894	8.40					



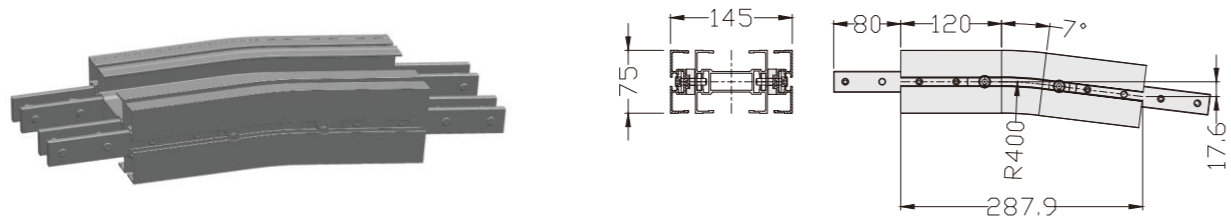
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZM140BP90R500	R500	1185	2370	7.30	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZM140BP90R700	R700	1499	2998	8.60					
ZM140BP90R1000	R1000	1970	3940	9.95					



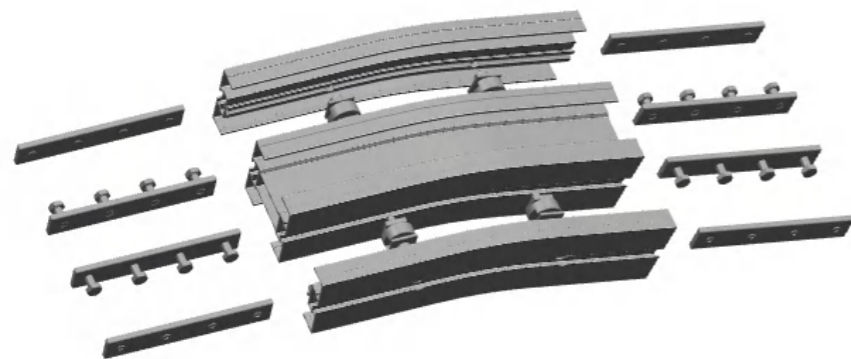
Vertical Bend ZM140



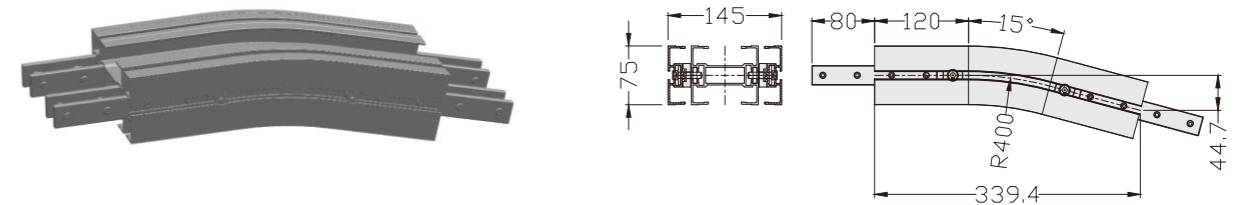
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZM140BV5R400	R400	190	380	3.22	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



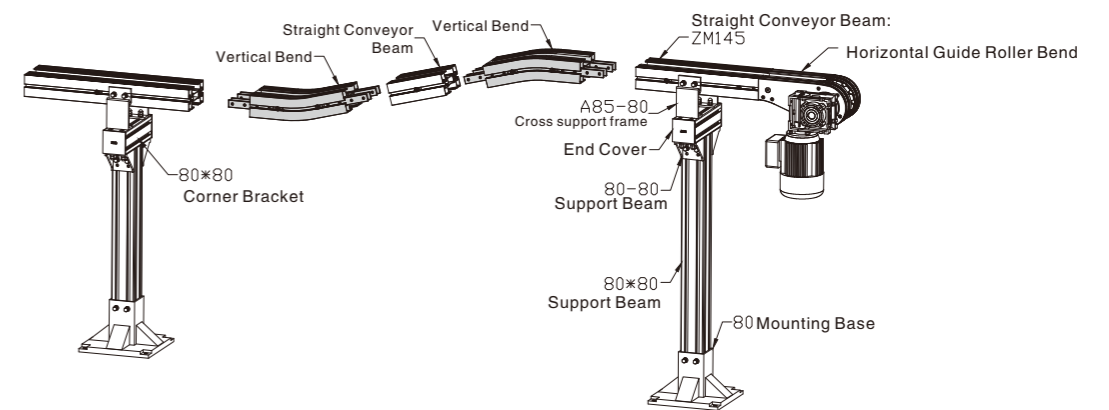
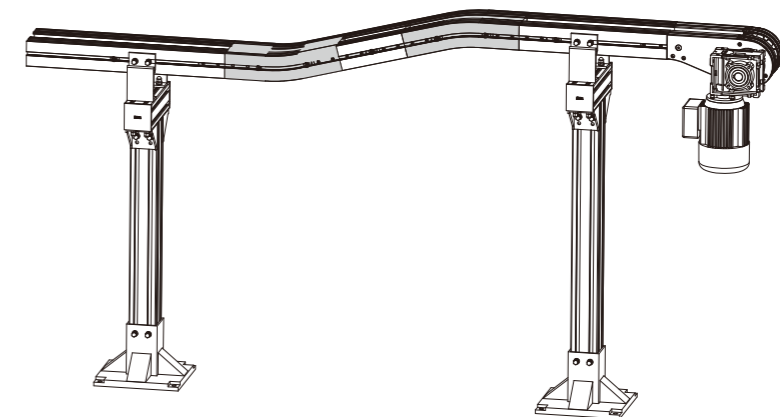
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZM140BV7R400	R400	200	400	3.29	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

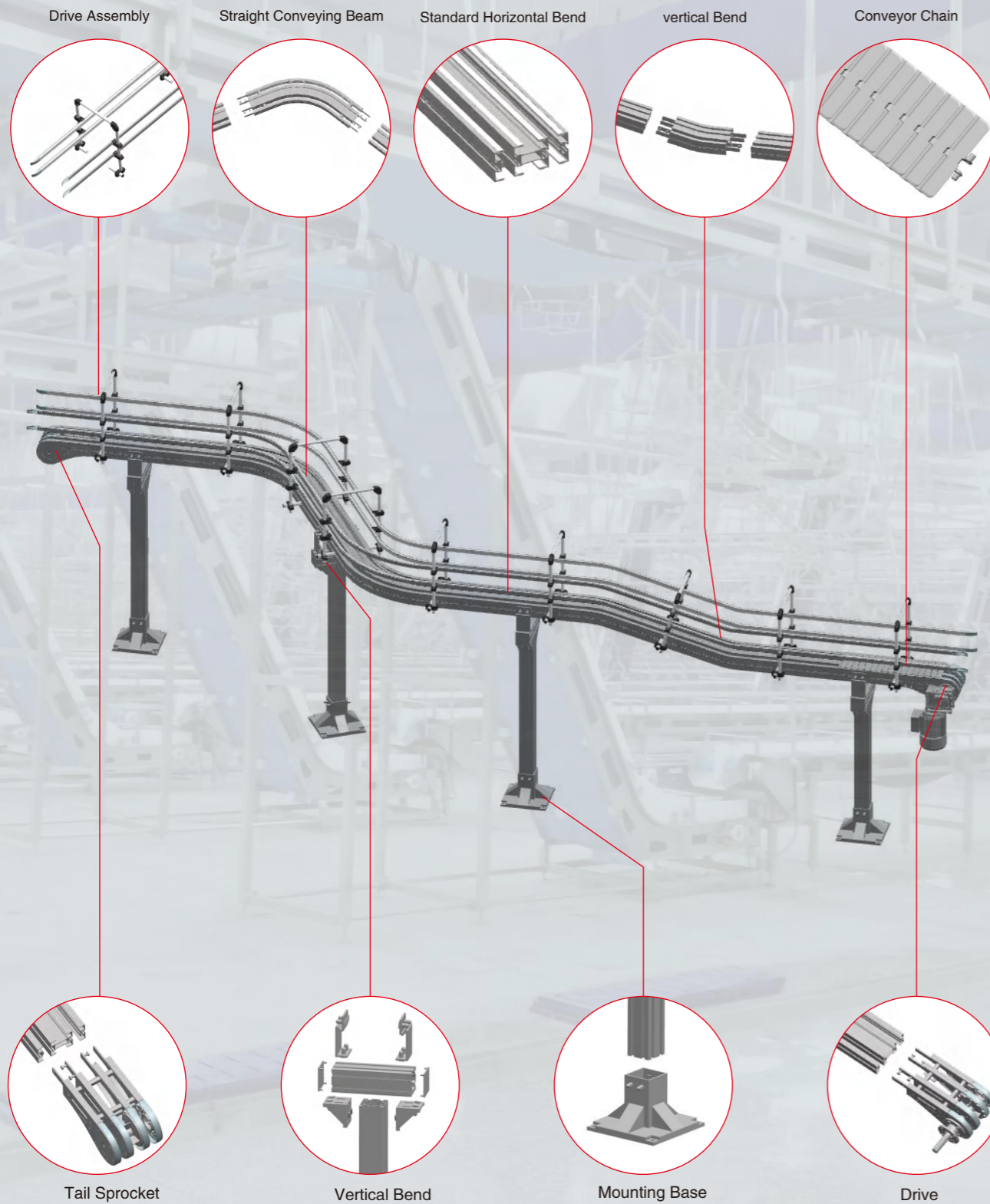


Vertical Bend ZM140



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZM140BV15R400	R400	245	490	3.56	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



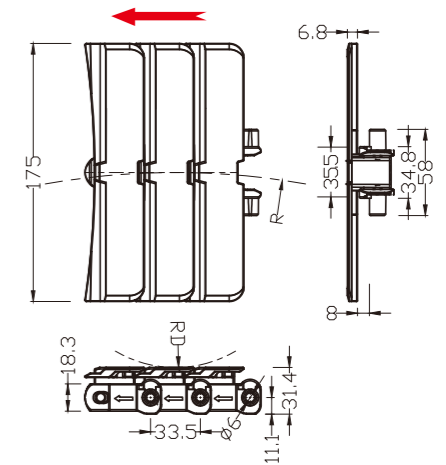


ZB175

ZB175

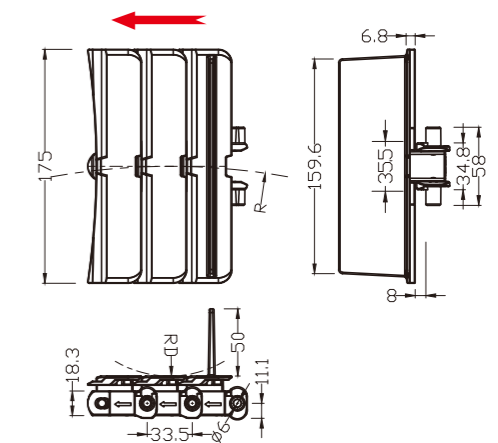
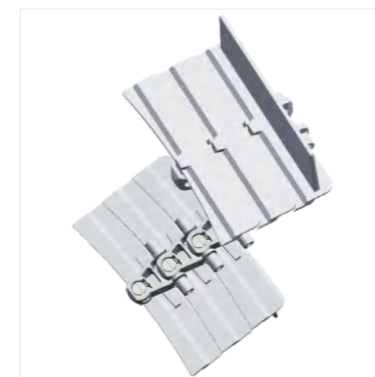
ZB Conveyor Chain

ZB175A Tabletop Chain



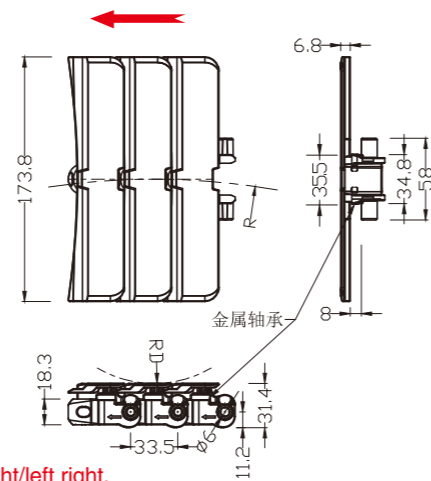
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZB175A	175	1.55	R500	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	The chain plate is transported along four sliding rails. The wide rail has a safety chain for lateral bending. Compact horizontal and vertical bends; suitable for flexible packaging. Large cardboard boxes, soft plastic bag products. Such as: soft packaging, heavy cartons, soft PP package.	
33.5	6	SUS	RD80		

ZB175C Wedge Chain



Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZB175C	175	1.60	R500	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	The wedge chain is used for the vertical or steeply inclined transmission rail. It has various heights and shapes. Select the wedge shape based on the shape of the transported goods.	
33.5	6	SUS	RD80		

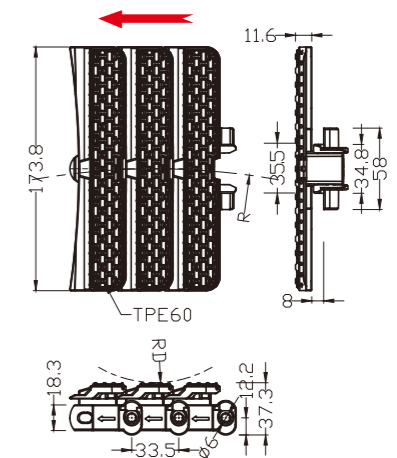
ZB175AR Side Flex Chain



Bearing can be optional:left/right/left right.

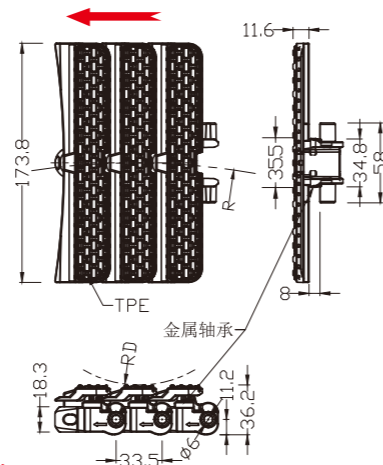
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)			mm
ZB175AR	175	2.6	R500	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Bearing can be optional:left/right/left right. Suitable for longer distance conveying or spiral elevator usage.	
33.5	6	SUS	RD95		

ZB175F Chain Guide



Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)			mm
ZB175F	175	2.5	R500	POM+TPE	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	The chain plate is transported along four sliding rails. The wide rail has a safety chain for lateral bending. Compact horizontal and vertical bends; suitable for flexible packaging. Large cardboard boxes, soft plastic bag products. Such as: soft packaging, heavy cartons, soft PP package. For example: Laundry detergent, packaging tubes, food, personal care products; with adhesive coating for anti-slip properties. capable of achieving 35-degree upward conveying for lightweight expanded packaging foods, etc.	
33.5	6	SUS	RD80		

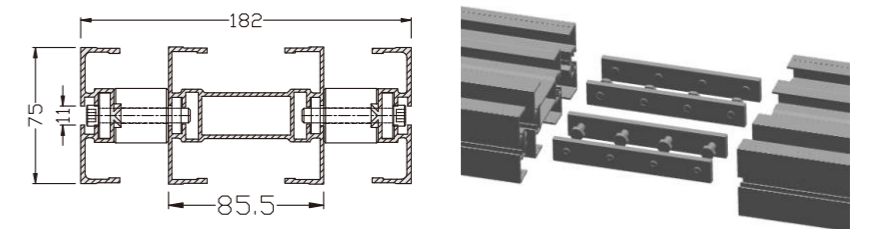
ZB175RF Side Flex Chain Guide



Bearing can be optional:left/right/left right.

Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)			mm
ZB175RF	175	2.9	R500	POM+TPE	2800
Pitch(mm)	Pin diameter(mm)	Pin material	Back Flex Radius(min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable. On both sides, it can be stably equipped with metal bearings, which is suitable for longer-distance transportation or for use with spiral elevations.	
33.5	6	SUS	RD95		

Straight Conveying Beam: ZB182

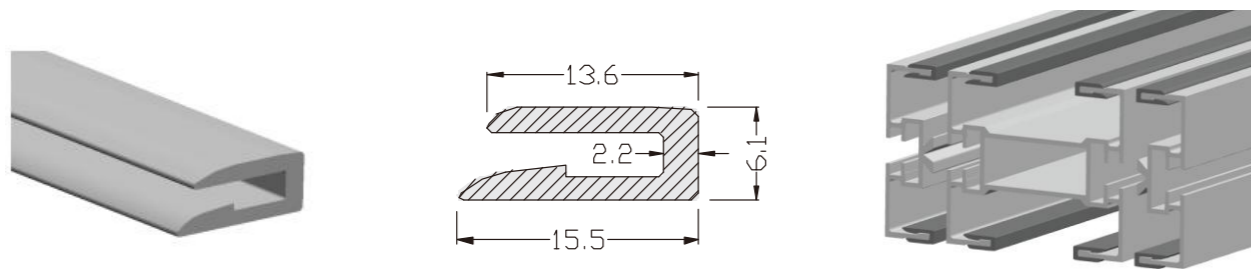


Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZB182	Silver	6063	Sandblasted oxidation	ZW295 Series	3m/6m	4.7KG/M(excluding parts)

ZB175

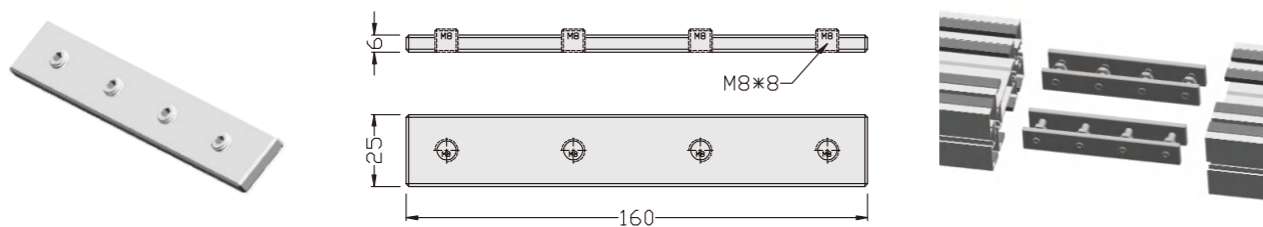
ZB175

Wear Strip: W45-1



Code	Color	Material	Adaptive Conveyor Chain	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50 m/roll	50g/m

Strip Z-160-25 with location screw



Code	Color	Optional materials	Adaptive Conveyor Chain	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.19KG including 4 setscrew



ZB175

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

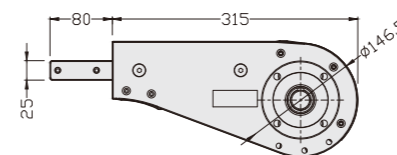
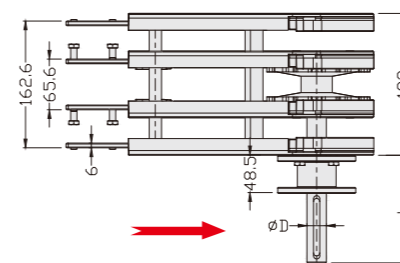
Technical Parameters

Chain Width	Pitch	Drive Tooth	kN	Max Length	Max Loading	Linear Speed
175mm	33.5mm	12 Teeth	2500N	30米	300-500KG	5-60m/min

ZBEB175

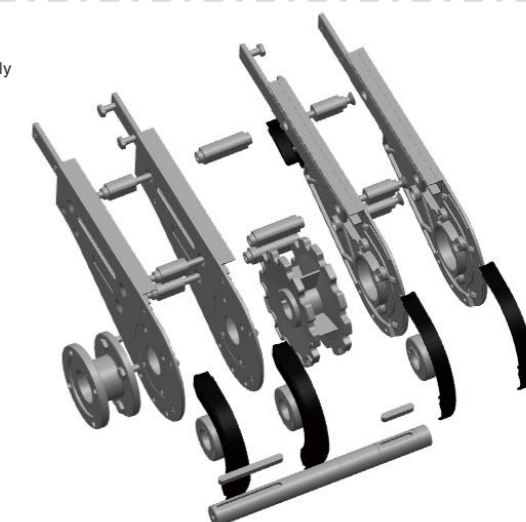
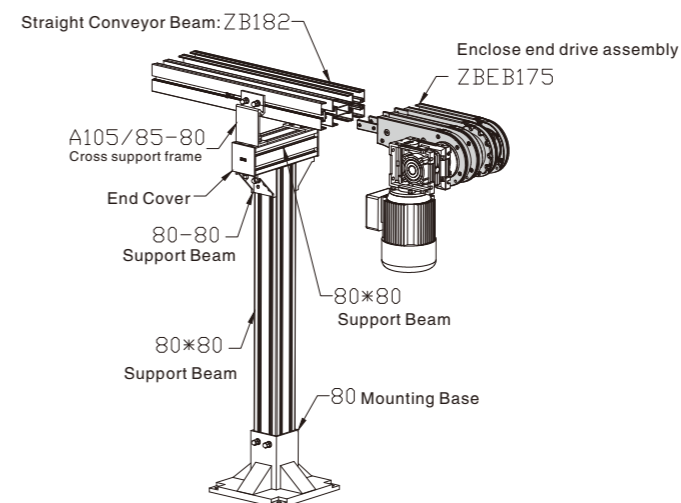
Half enclose end drive assembly

He Shell Is Made Of Aluminum Alloy And Is Painted In A Gray Color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional.
Actual path: 700MM
Match sprocket teeth: 12 teeth

Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
kN is 2500N,
linear speed is 5-60m/min.

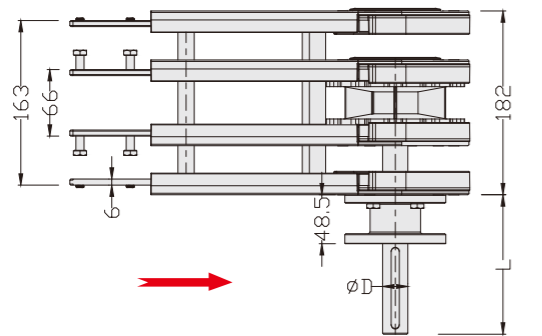
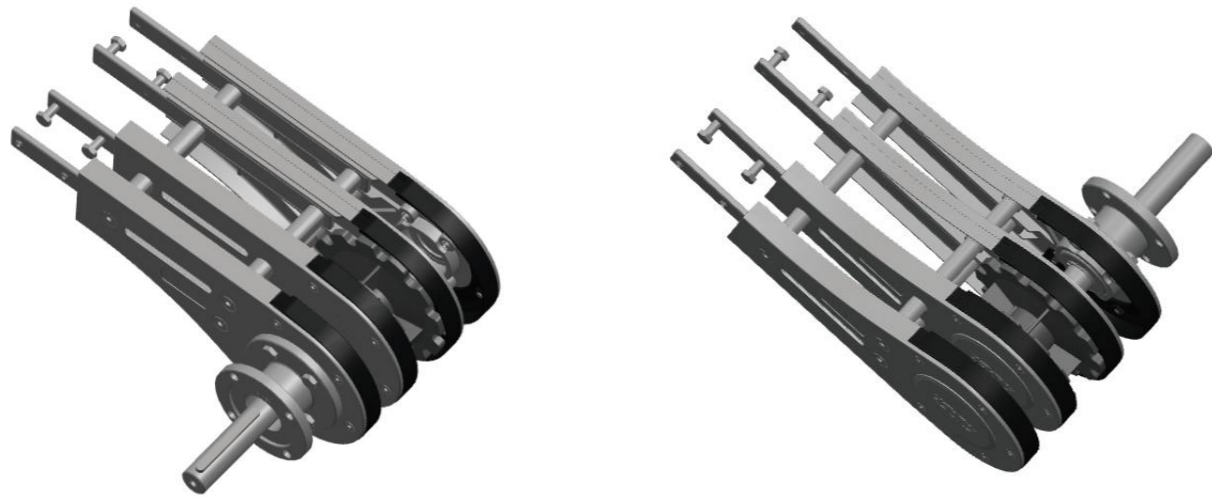


ZB175

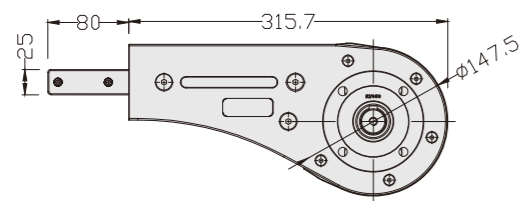
ZBEB175QB

Enclose end drive assembly

He Shell Is Made Of Aluminum Alloy And Is Painted In A Gray Color.



Picture shows shaft output from right (motor locates right), motor put in left can be optional.
Actual path: 700MM
Match sprocket teeth:12 teeth



Flange, shaft length and diameter can be optional, which should match with deceleration motor model.
kN is 2500N,
linear speed is 5-60m/min.

Material/Color								Reference Weight
Curve Rail	Bracket	Disk	Bearing Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	5.95

ZB175

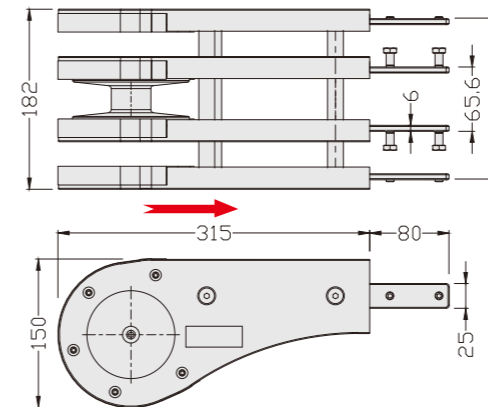
ZB Tail Sprocket

Tail Sprocket including free wheel with ball bearing, the middle wheel setting for changing chain direction with min friction. The tail sprocket device is installed at the entrance end of the conveyor. If a central drive device is used, one tail wheel device will be installed at the entrance and another at the exit.

ZBEJ175

All in one tail sprocket

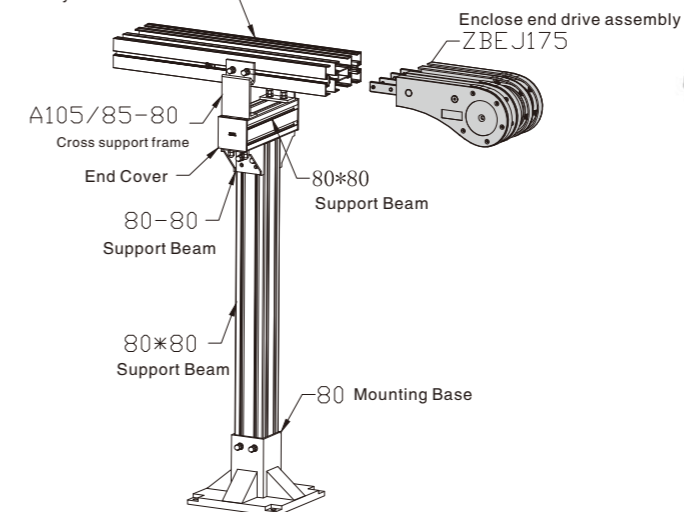
He Shell Is Made Of Aluminum Alloy And Is Painted In A Gray Color.



Actual path: 700MM
Match sprocket teeth:12 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.

Straight Conveyor Beam: ZB182



ZB175

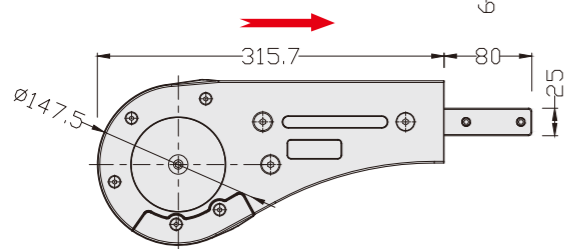
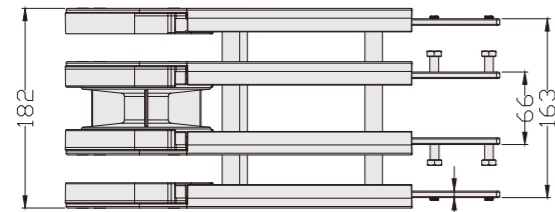
ZBEJ175FT

Split tail sprocket

he shell is made of aluminum alloy and is painted in a gray color.

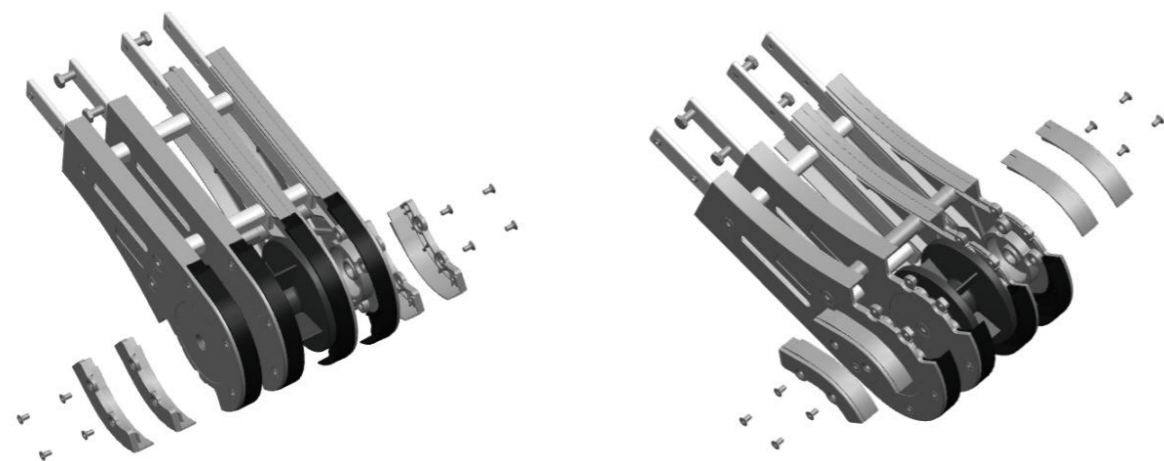


The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.



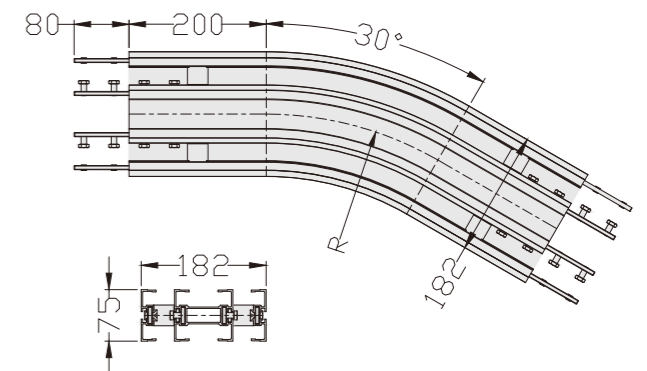
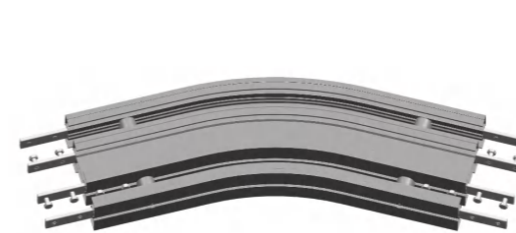
※ Convenient and easy to dismantle the chains

Material/Color							Reference Weight
Curve Rail	Bracket	Disk	Bearing Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	4.35

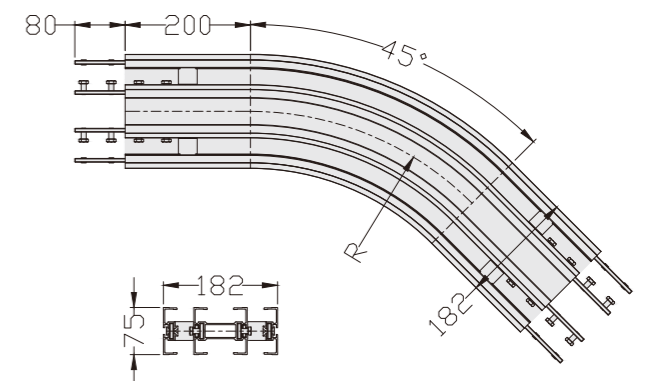


ZB Standard Horizontal Bend

Standard Horizontal Bend ZB175



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZBBP30R500	R500	662	1324	5.24	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZBBP30R700	R700	766	1532	5.74					
ZBBP30R1000	R1000	923	1846	6.54					



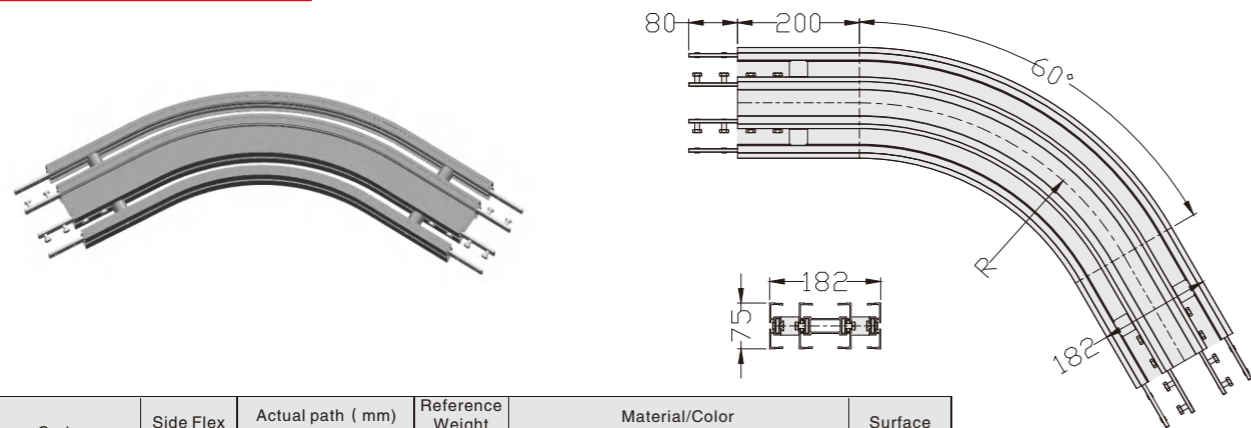
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZBBP45R500	R500	793	1586	5.84	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZBBP45R700	R700	950	1900	6.54					
ZBBP45R1000	R1000	1185	2370	7.54					



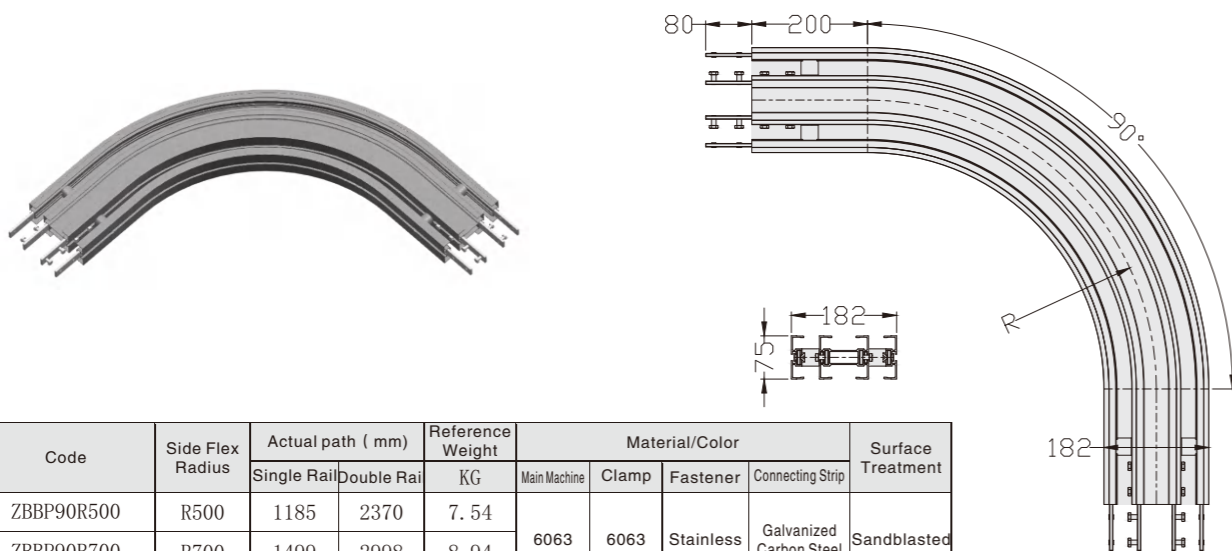
ZB175

ZB175

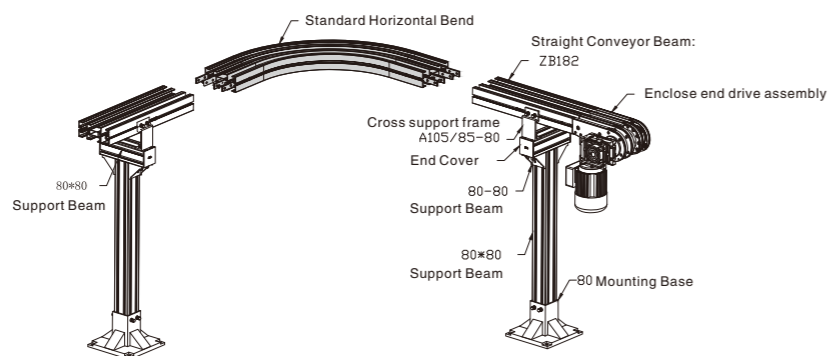
Zb 175 Standard Horizontal Bend



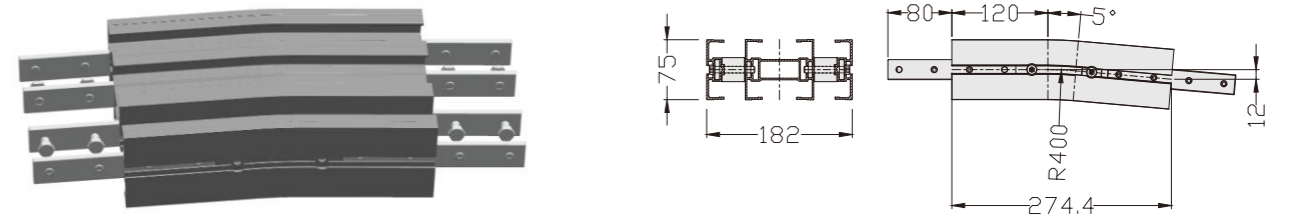
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZBBP60R500	R500	924	1848	6.44	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZBBP60R700	R700	1133	2266	7.34					
ZBBP60R1000	R1000	1447	2894	8.64					



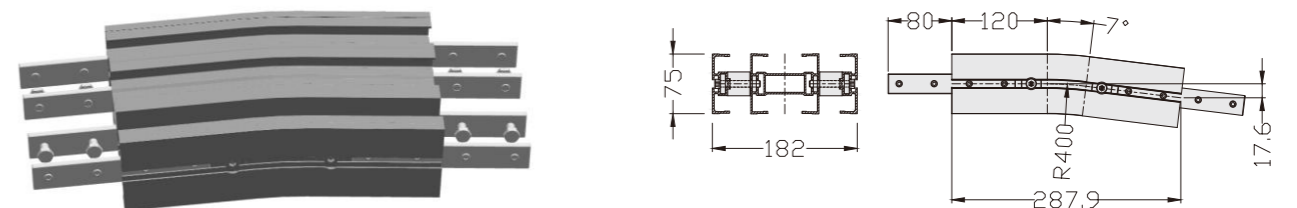
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Fastener	Connecting Strip	
ZBBP90R500	R500	1185	2370	7.54	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZBBP90R700	R700	1499	2998	8.94					
ZBBP90R1000	R1000	1970	3940	10.94					



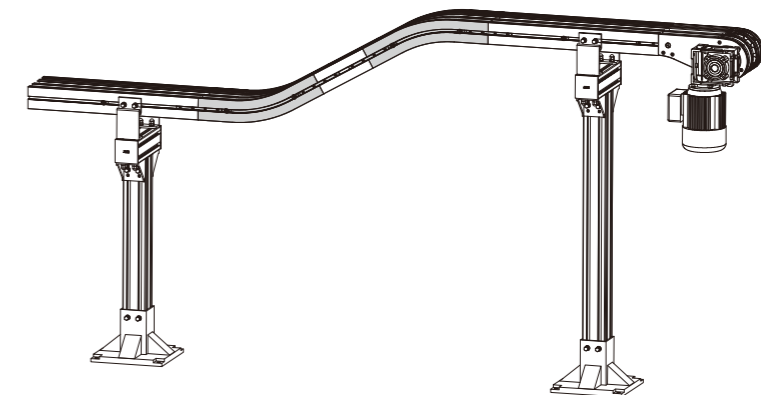
Zb 175 Vertical Bend



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZBBV5R400	R400	190	380	3.38	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



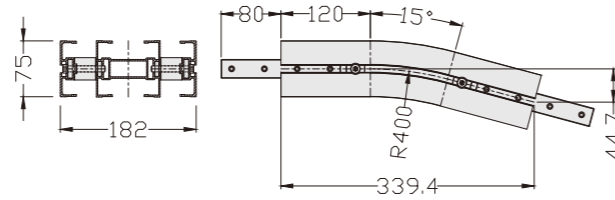
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZBBV7R400	R400	200	400	3.45	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



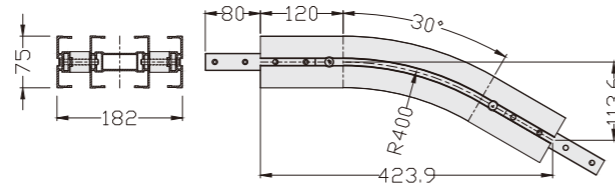
ZB175

ZB175

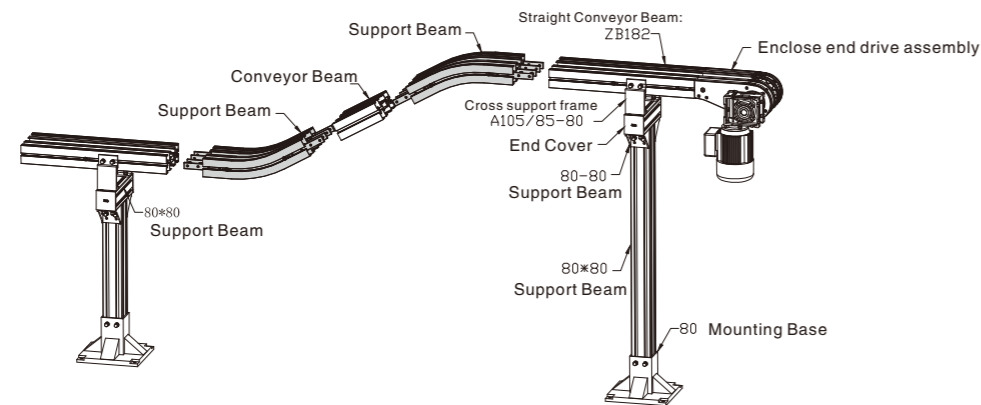
Vertical Bend ZB175



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZBBV15R400	R400	245	490	3.72	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation

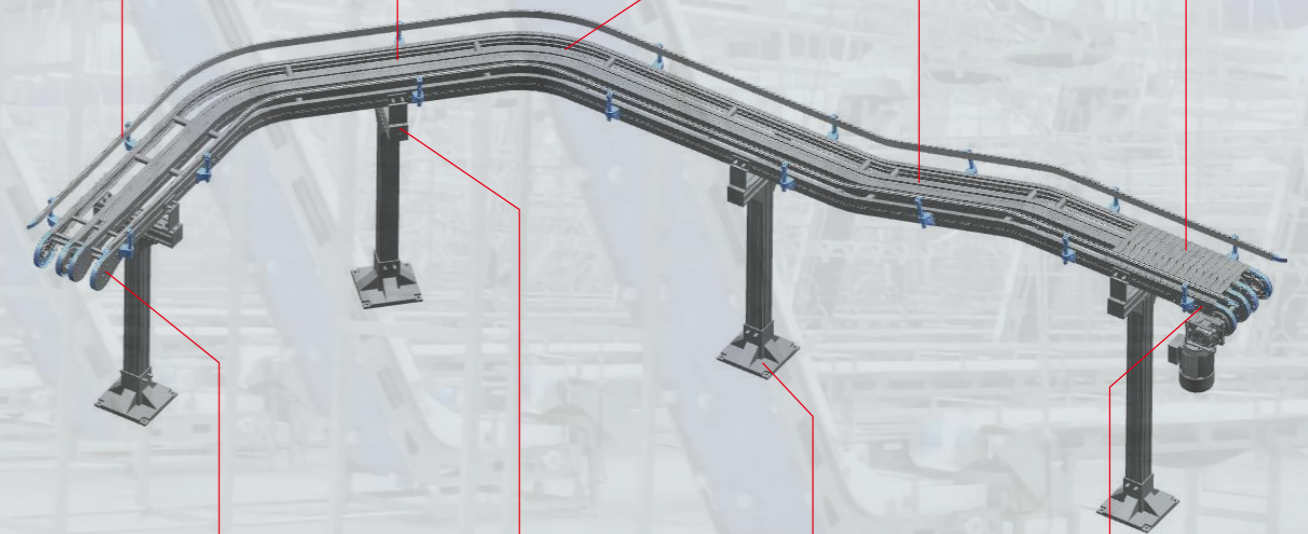
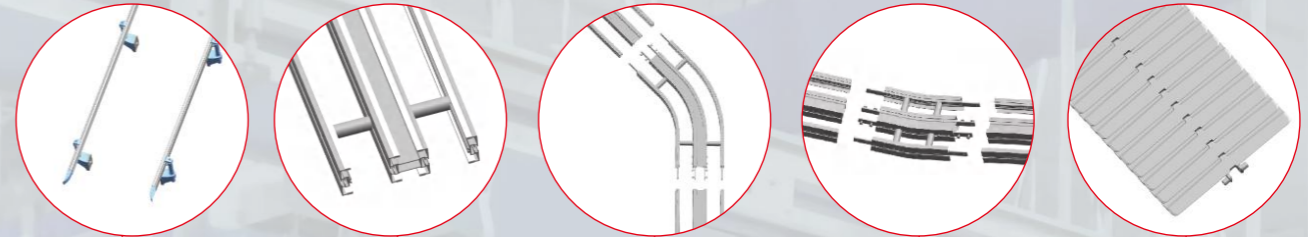


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Main Machine	Clamp	Connecting Strip	
ZBBV15R400	R400	450	900	4.22	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



ZB175

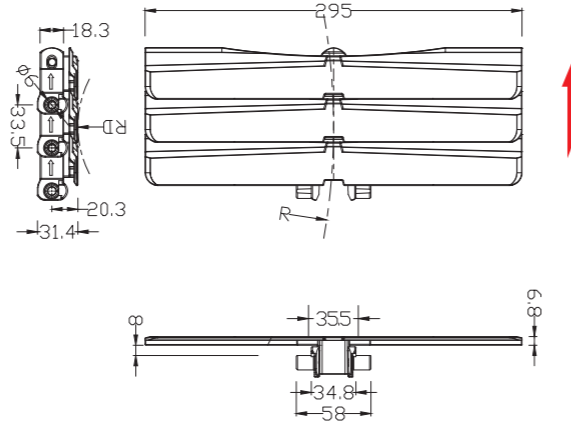
Guide Rail Component Straight Conveying Beam Standard Horizontal Bend Vertical Bend Conveyor Chain



Tail Sprocket Support Module Mounting Base Drive Assembly

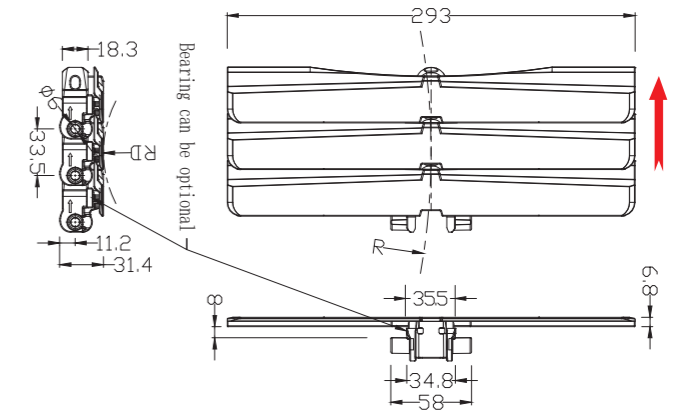
ZW295

ZW295A Tabletop Chain



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZW295A	295	2.6	R500	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The chain plate is transported along four sliding rails. The wide rail has a safety chain for lateral bending. Compact horizontal and vertical bends; suitable for flexible packaging. Large cardboard boxes, soft plastic bag products. Such as: washing powder, packaging paper tubes, food, personal care products.	
33.5	6	SUS	RD80		

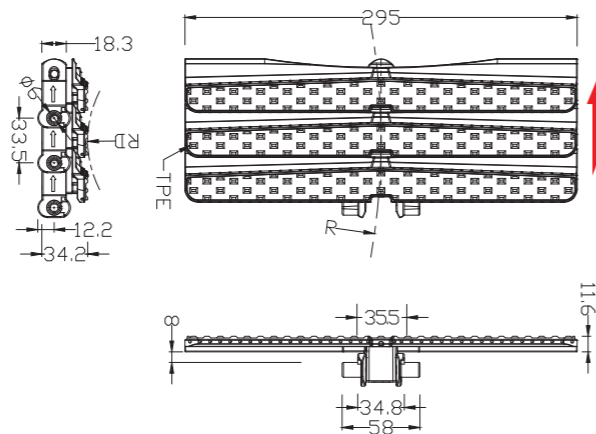
ZW295AR Side Flex Chain



Bearing can be optional:left/right/left right.

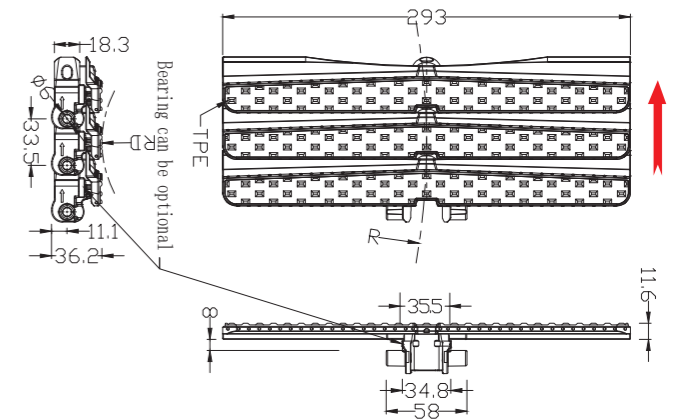
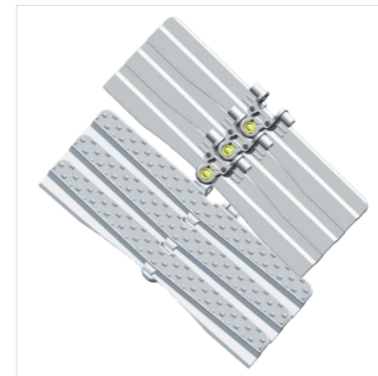
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZW295AR	295	3.0	R500	POM	2800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Bearing can be optional:left/right/left right. - Suitable for longer distance conveying or spiral elevator usage.	
33.5	6	SUS	RD95		

ZW295F Chain Guide



Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZW295F	295	2.9	R500	POM+TPE	2800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	The chain plate is transported along four sliding rails. The wide rail has a safety chain for lateral bending. Compact horizontal and vertical bends; suitable for flexible packaging. Large cardboard boxes, soft plastic bag products. For example: Laundry detergent, packaging tubes, food, personal care products; with adhesive coating for anti-slip properties, capable of achieving 35-degree upward conveying for lightweight expanded packaging foods, etc.	
33.5	6	SUS	RD80		

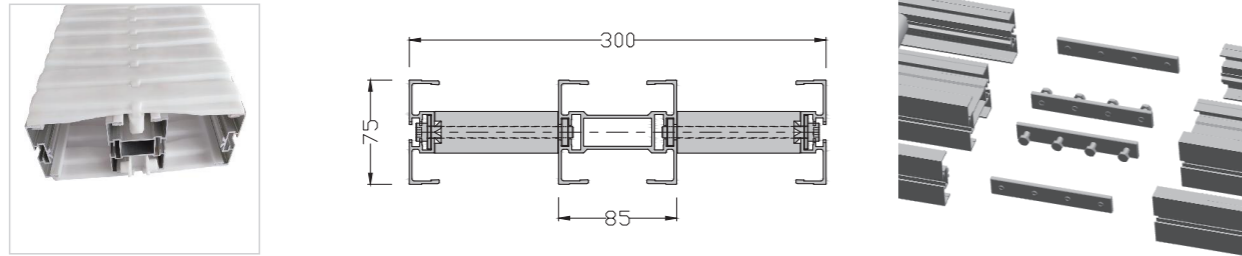
ZW295RF Side Flex Chain Guide



Bearing can be optional:left/right/left right.

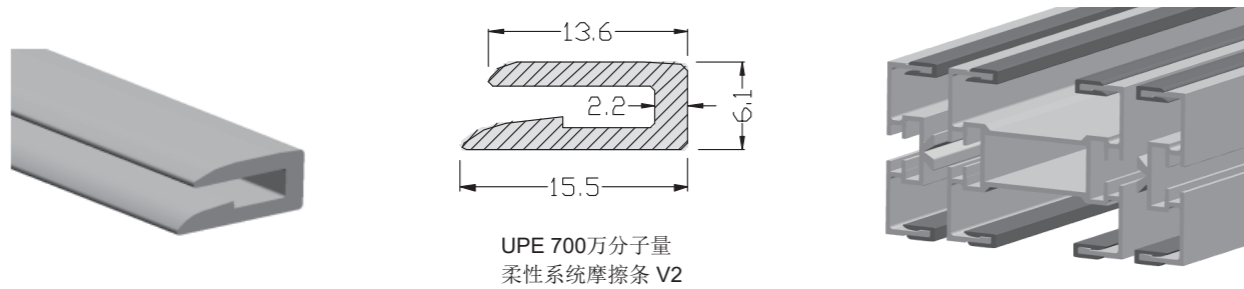
Mounting Base	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	kg/m	mm		N(21°C)
ZW295RF	295	3.9	R500	POM+TPE	2800
Pitch(mm)	Pin diameter(mm)	Pin Material	Back Flex Radius (min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable. On both sides, it can be stably equipped with metal bearings, which is suitable for longer-distance transportation or for use with spiral elevations.	
33.5	6	SUS	RD95		

Straight Conveying Beam: ZW300



Code	Color	Material	Surface Treatment	Adaptive Conveyor Chain	SPEC	Reference Weight
ZW300	Silver	6063	Sandblasted oxidation	ZW295Series	3m/6m	4.7KG/M(excluding parts)

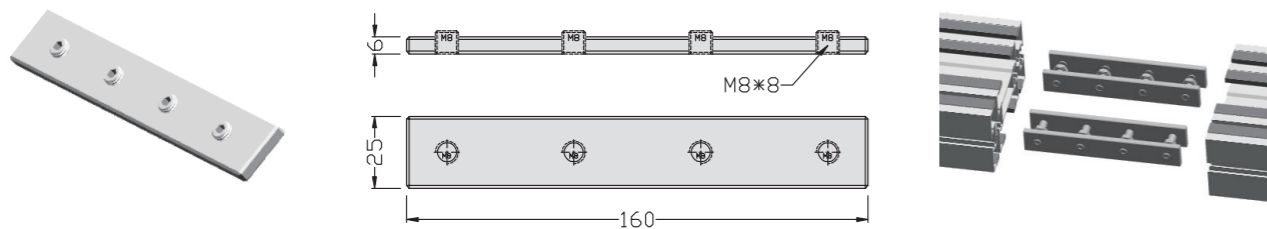
Wear Strip W45-1



UPE 700万分子量
柔性系统摩擦条 V2

Code	Color	Material	Adaptive Conveyor Beam	SPEC	Reference Weight
W45-1	White	UPE-700W	ZL65/ZM85/ZH105/ZB182/ZW300	50m/roll	50g/m

Strip Z-160-25 with location screw



Code	Color	Material Optional	Adaptive Conveyor Beam	Reference Weight
Z-160-25	White	Galvanized Carbon Steel Stainless Steel	ZL65/ZM85/ZH105/ZB182/ZW300	0.19KG including 4 setscrew

ZW295

The end drive design is arranged at one end of the transmission system. It is directly connected to the right-angle hollow reducer motor through a flange, thereby obtaining the input power and driving the entire line to move. This is the most commonly used standard arrangement and is often used in conjunction with the tail wheel device.

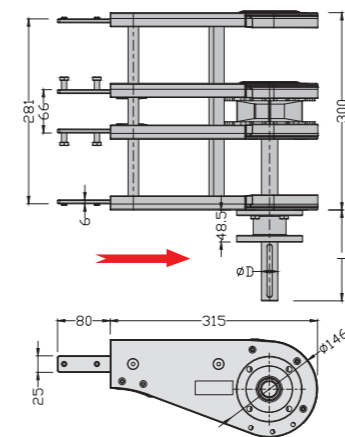
Technical Parameters

Chain Width	Pitch	Drive	kN	Max Length	Max Loading	Linear Speed
295mm	33.5mm	12Teeth	2500N	30m	300-500KG	5-60m/min

ZWEB295

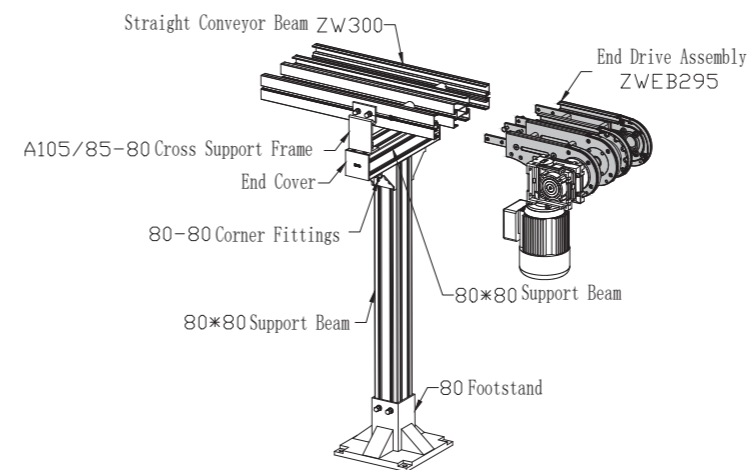
Half enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right(motor locates right), motor put in left can be optional.
Actual path: 700MM
Match sprocket teeth:12 teeth

UPE 7 million molecular weight flexible system friction strip V2
Flange, shaft length and diameter can be optional, Match required gear motor, kN is 2500N, linear speed is 5-60m/min.

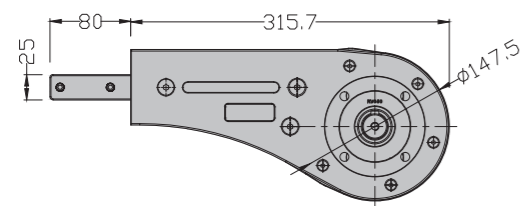
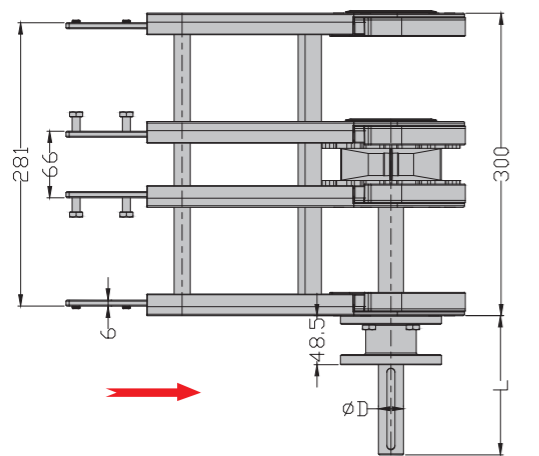
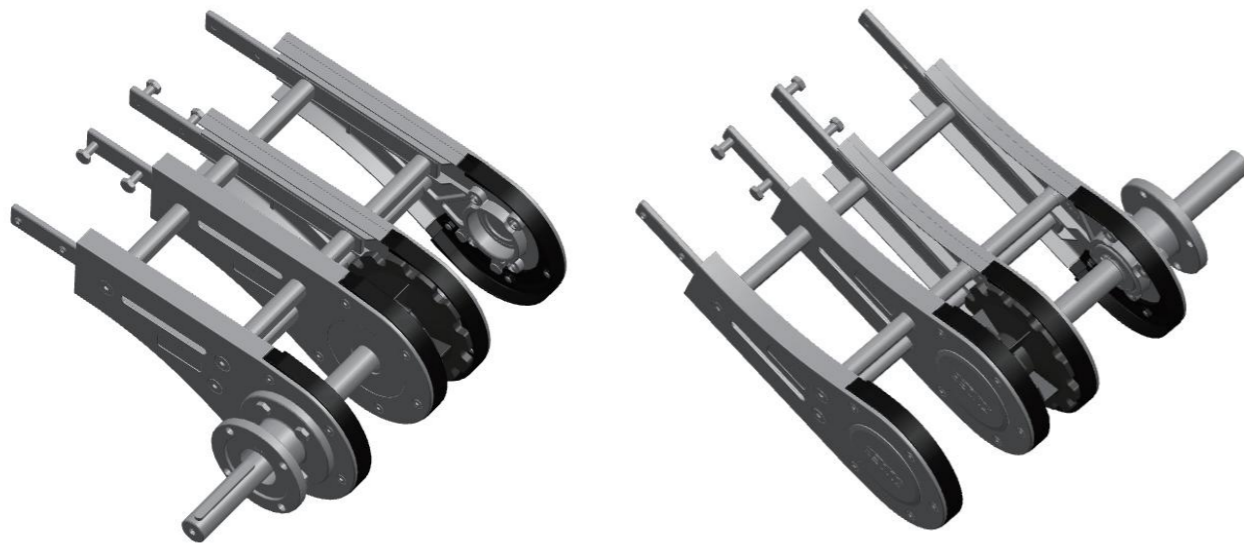


ZW295

ZWEB295QB

Enclose end drive assembly

The shell is made of aluminum alloy and is painted in a gray color.



Picture shows shaft output from right(motor locates right), motor put in left can be optional.
Actual path: 700MM
Match sprocket teeth:12 teeth

Flange,shaft length and diameter can be optional,which should match with deceleration motor model..
kN is 1250N,linear speed is 5-60m/min.

Material/Color								Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	Flange	KG
ADC12 Spray-painted gray	Stainless Steel Chromium-plated Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	ADC12 Spray-painted gray	6.68

ZW295

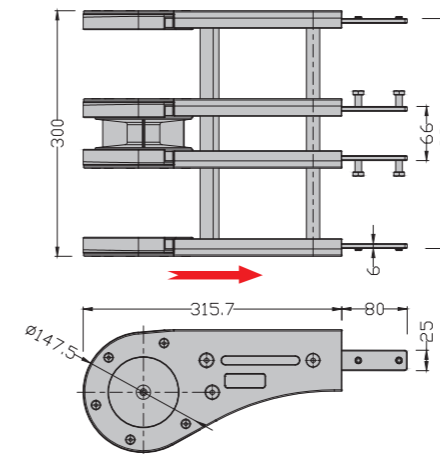
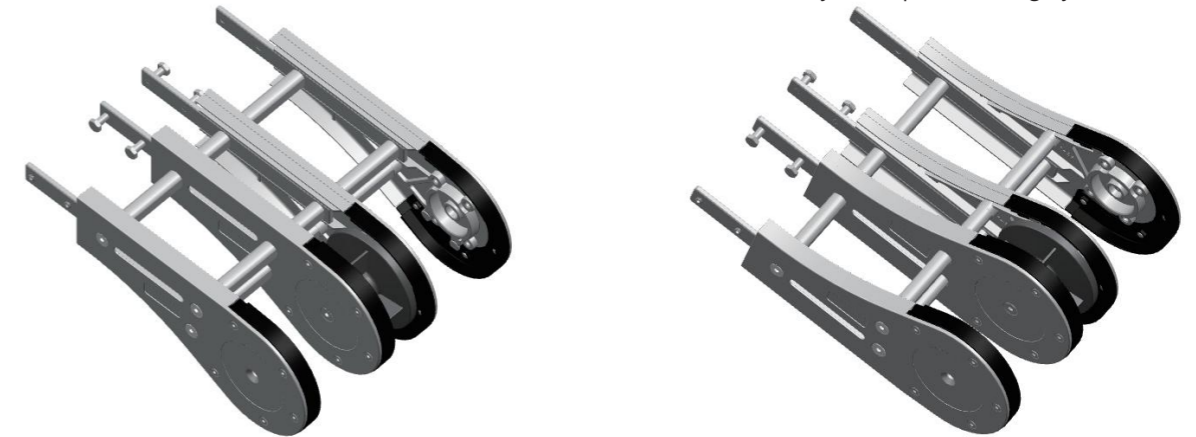
ZW Tail Sprocket

Tail Sprocket including free wheel with ball bearing, the middle wheel setting for changing chain direction with min friction.The tail sprocket device is installed at the entrance end of the conveyor. If a central drive device is used, one tail wheel device will be installed at the entrance and another at the exit.

ZWEJ295

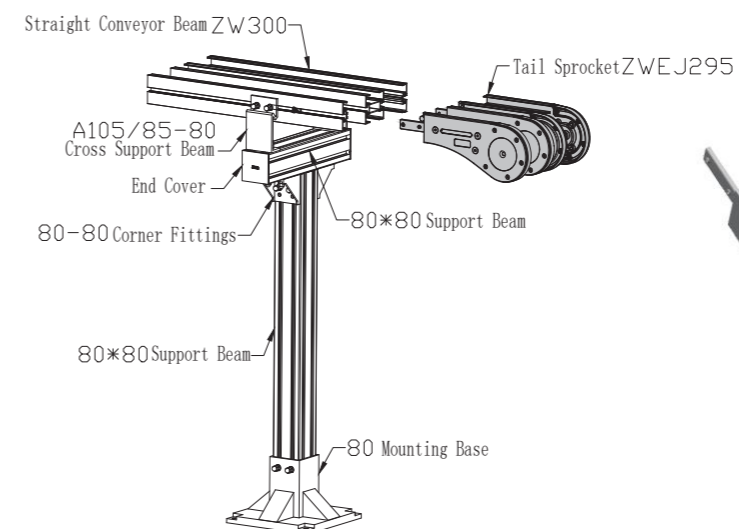
All in one tail sprocket

The shell is made of aluminum alloy and is painted in a gray color.



Actual path: 700MM
Match sprocket teeth:12 teeth

The purpose of the tail wheel device is to change the direction of the chain with the least amount of friction.



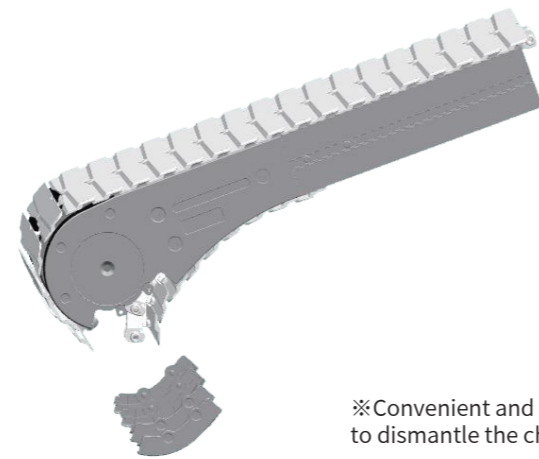
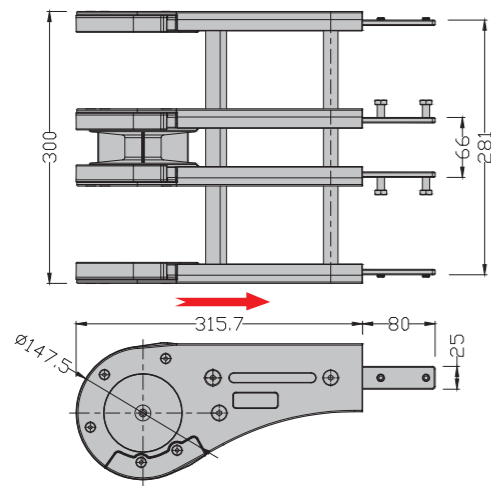
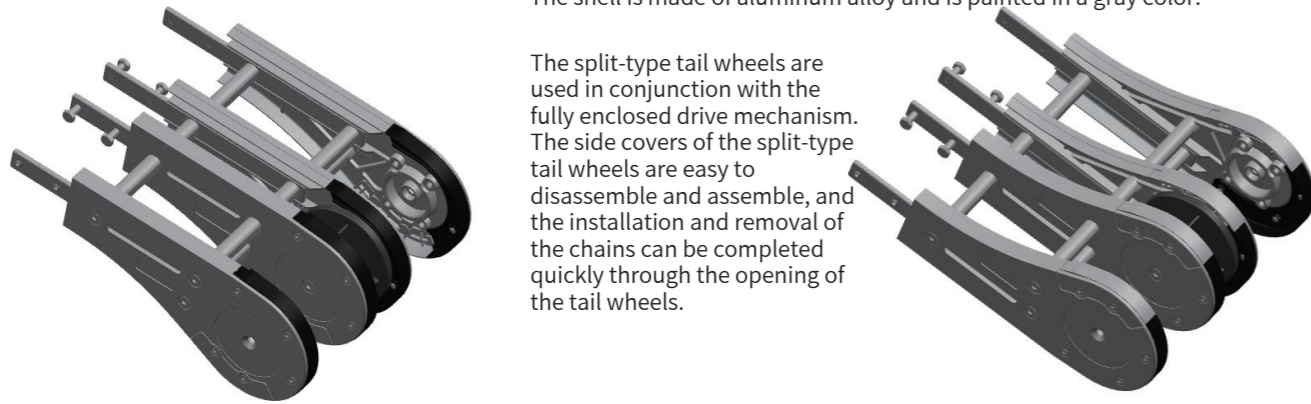
ZW295

ZWEJ295FT

Split tail sprocket

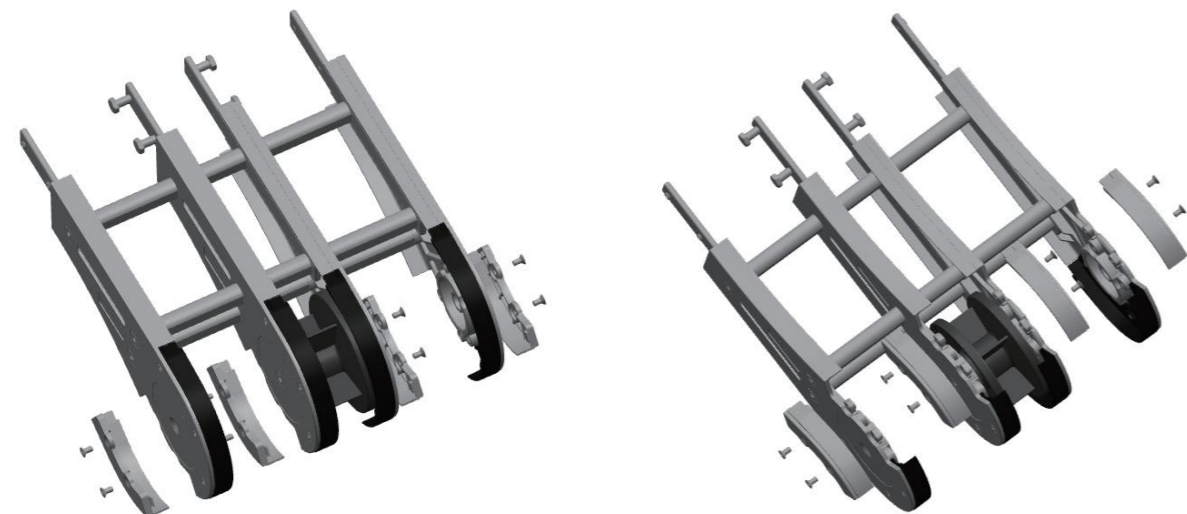
The shell is made of aluminum alloy and is painted in a gray color.

The split-type tail wheels are used in conjunction with the fully enclosed drive mechanism. The side covers of the split-type tail wheels are easy to disassemble and assemble, and the installation and removal of the chains can be completed quickly through the opening of the tail wheels.



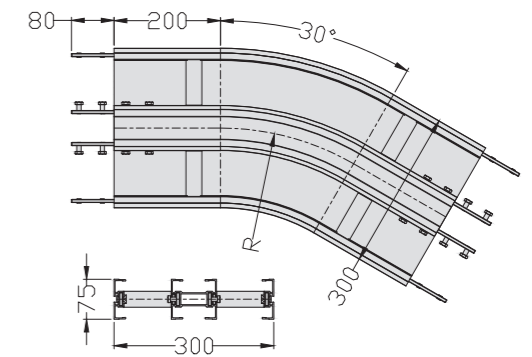
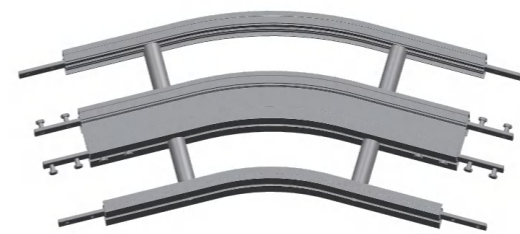
※ Convenient and easy to dismantle the chains

Material/Color							Reference Weight
Main Machine	Driven Shaft	Sprocket	Shaft Material can be optional	Fastener	Connecting Strip	Washer	KG
ADC12 Spray-painted gray	Stainless Steel	PA6+GF Black	Bearing Steel Stainless Steel	Stainless Steel	Galvanized Carbon Steel Stainless Steel	PA6 gray	4.78

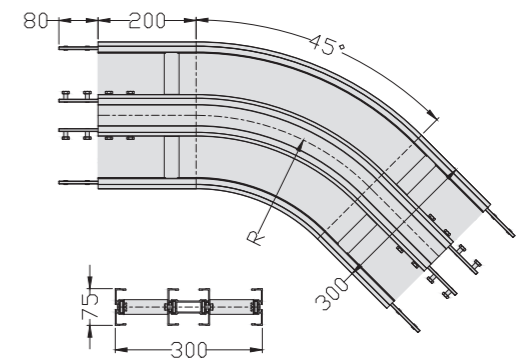
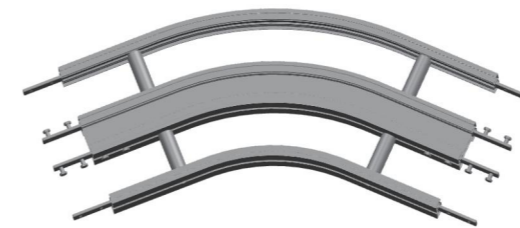


ZW295

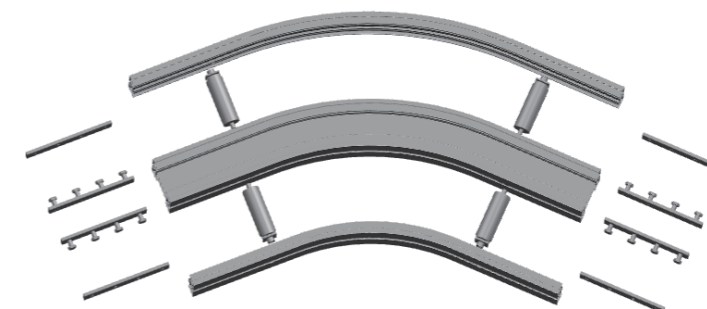
Standard Horizontal Bend ZW295



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZWBP30R500	R500	662	1324	5.74	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel	Sandblasted oxidation
ZWBP30R700	R700	766	1532	6.34				Stainless Steel	
ZWBP30R1000	R1000	923	1846	7.14				Stainless Steel	

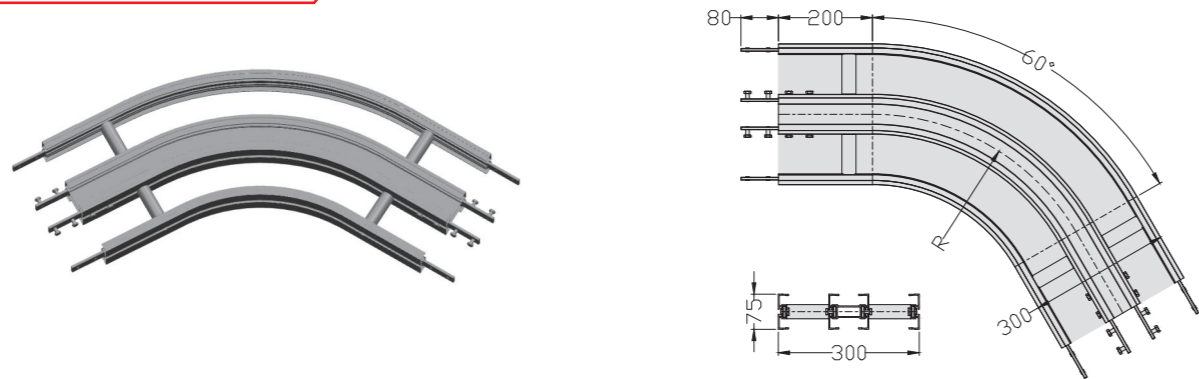


Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZWBP45R500	R500	793	1586	6.46	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel	Sandblasted oxidation
ZWBP45R700	R700	950	1900	7.14				Stainless Steel	
ZWBP45R1000	R1000	1185	2370	8.14				Stainless Steel	

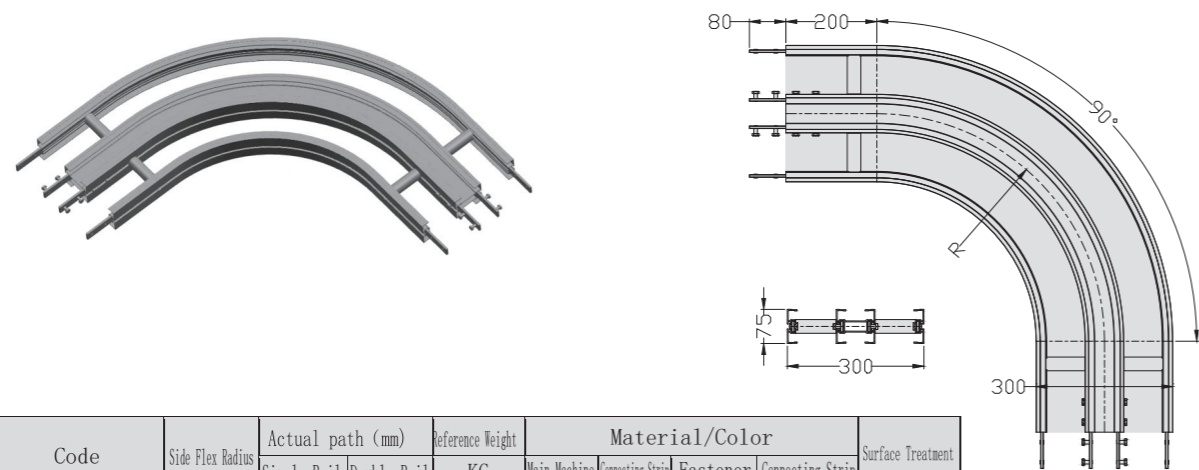


ZW295

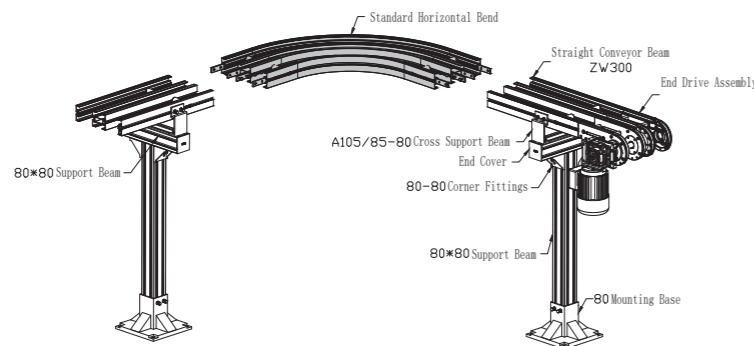
Standard Horizontal Bend ZW295



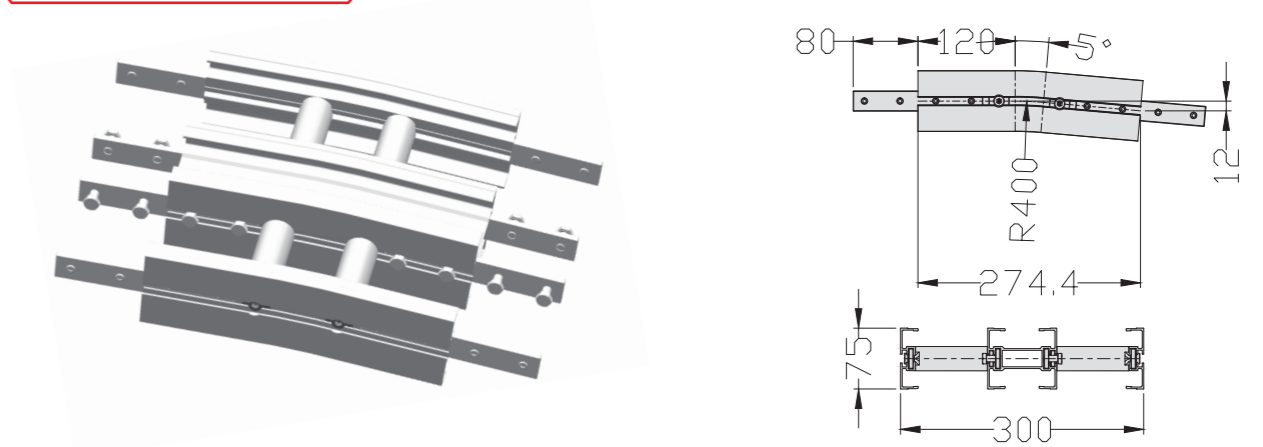
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZWBP60R500	R500	924	1848	7.18	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZWBP60R700	R700	1133	2266	7.94					
ZWBP60R1000	R1000	1447	2894	9.24					



Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color				Surface Treatment
		Single Rail	Double Rail		Main Machine	Connecting Strip	Fastener	Connecting Strip	
ZWBP90R500	R500	1185	2370	8.64	6063 Silver	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation
ZWBP90R700	R700	1499	2998	9.54					
ZWBP90R1000	R1000	1970	3940	11.54					



Vertical Bend ZW295



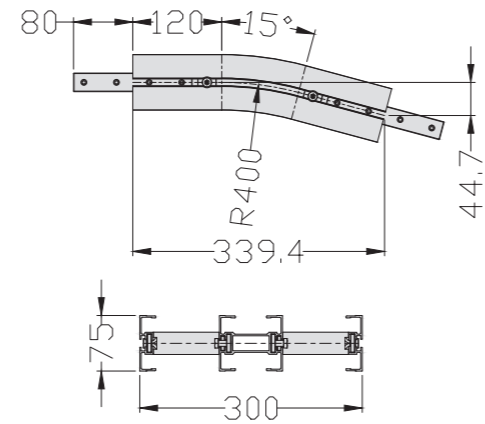
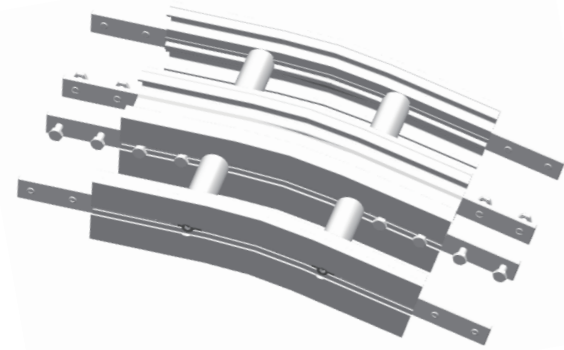
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZWBV5R400	R400	190	380	3.88	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



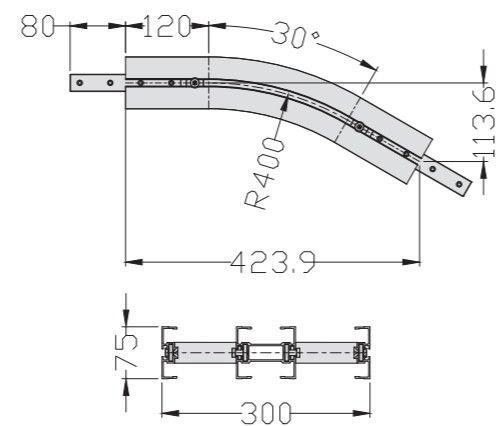
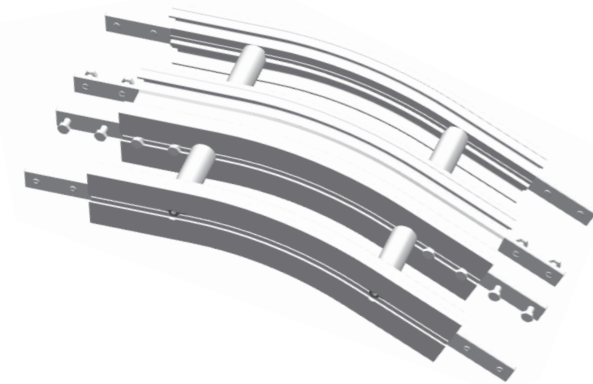
Code	Side Flex Radius	Actual path (mm)		Reference Weight KG	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZWBV7R400	R400	200	400	3.95	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



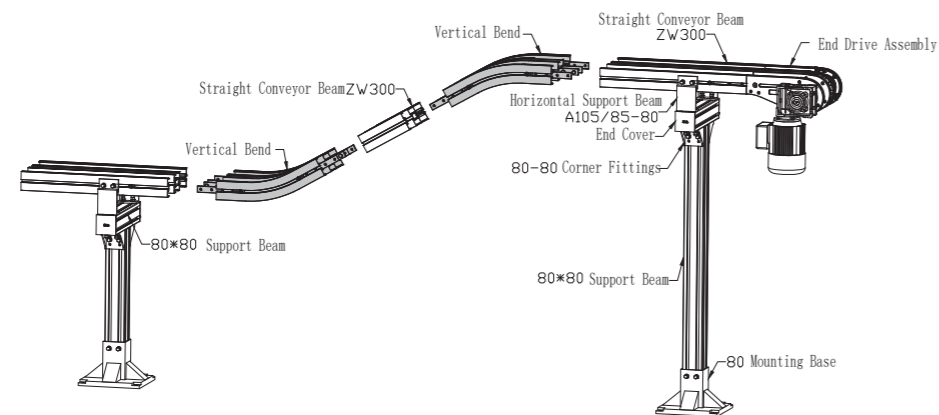
Vertical Bend ZW295



Code	Side Flex Radius	Actual path (mm)		Reference Weight	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZWBV15R400	R400	245	490	4.22	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



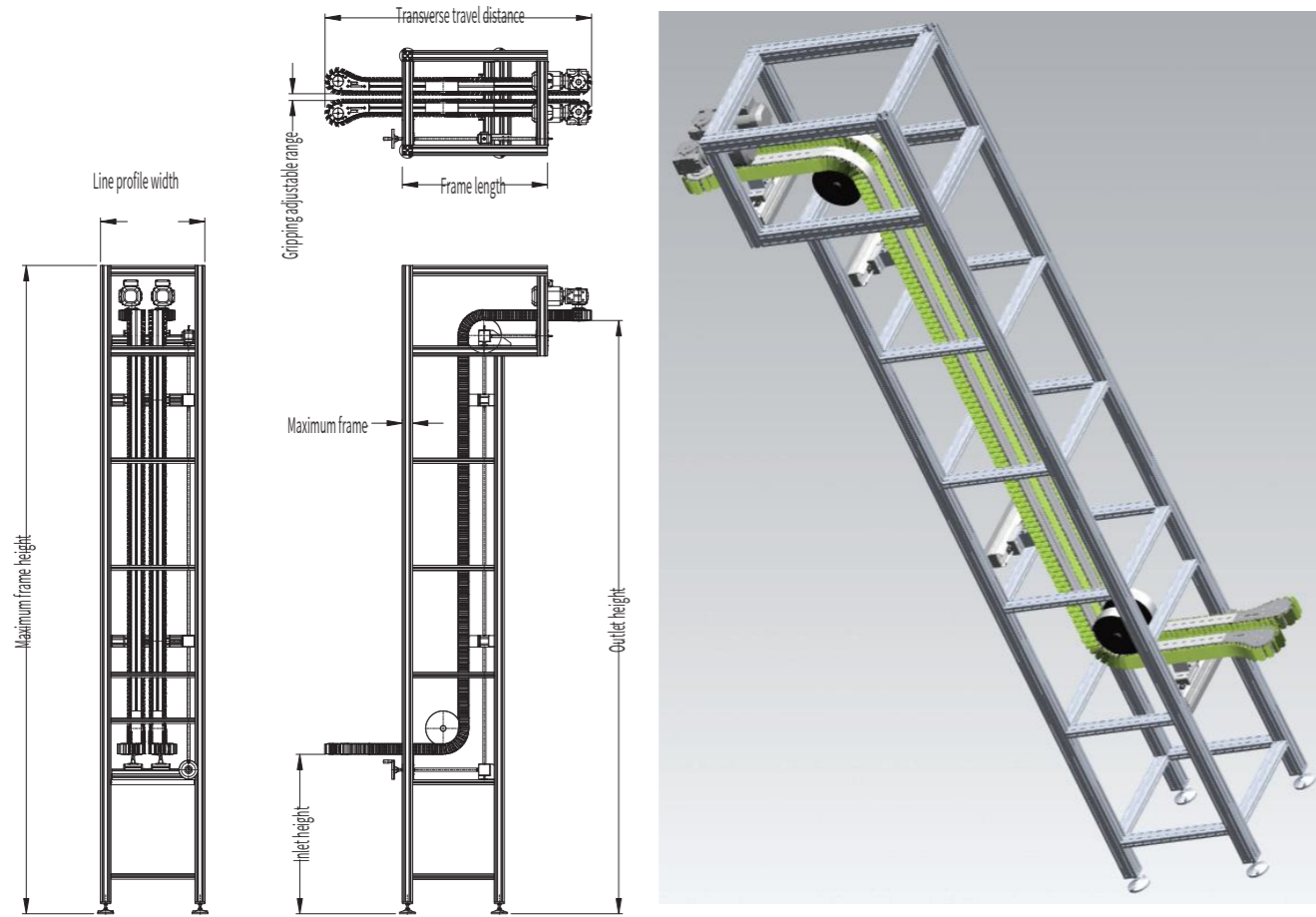
Code	Side Flex Radius	Actual path (mm)		Reference Weight	Material/Color			Surface Treatment
		Single Rail	Double Rail		Connecting Strip	Fastener	Connecting Strip	
ZWBV15R400	R400	450	900	4.72	6063 Silver	Stainless Steel	Galvanized Carbon Steel Stainless Steel	Sandblasted oxidation



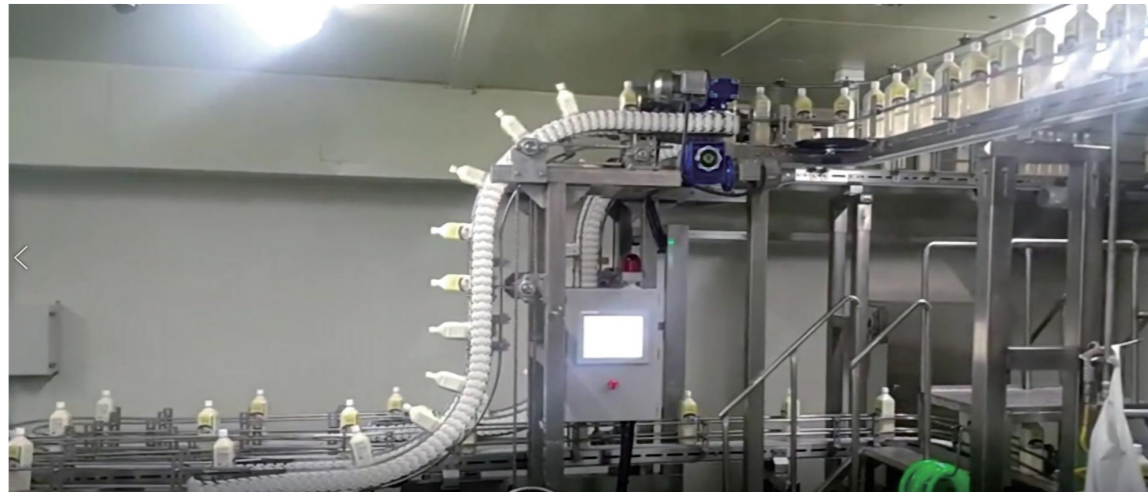
Gripper Flexible Lifting Conveyor



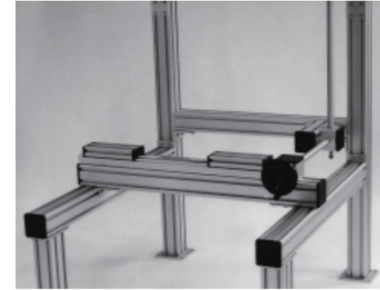
Gripper Flexible Lifting Conveyor



Gripper Flexible Lifting Conveyor optional chain model: ZM83-G3. The vertical or continuous transportation of materials is achieved through the adjustable clamping mechanism. It is mainly applicable to the processes of continuous cleaning or packaging in industries such as bottles, cans, flexible packaging, food, and cosmetics. Using flexible chains combined with polyurethane elastic clips, it features high wear resistance and excellent deformation resistance, enabling it to adapt to complex paths and multi-angle transportation.



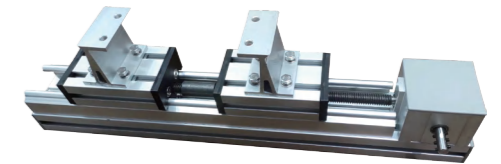
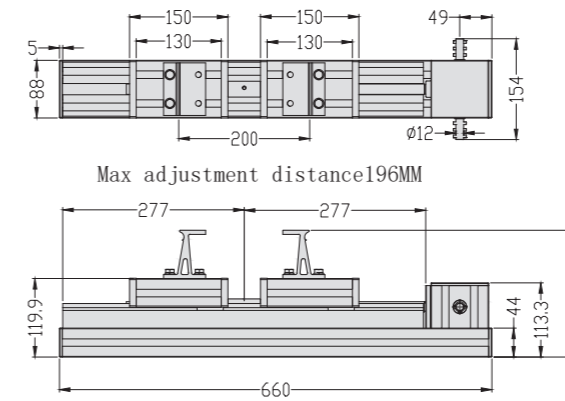
Track Width Adjustment Mechanism



Width Adjustment Mechanism

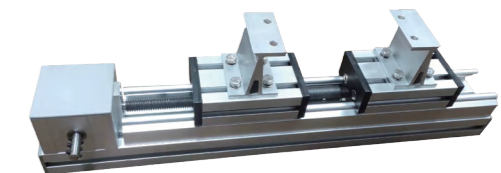
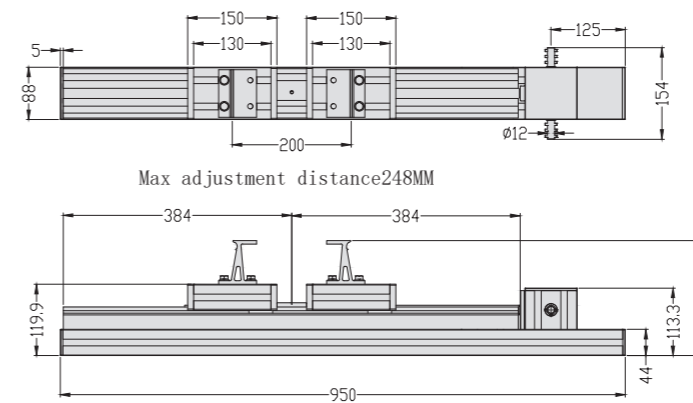
The width adjustment mechanism consists of two sliding units driven by two screws connected in line (one left-handed and one right-handed). When the screw pair rotates via a shaft and a pair of bevel gears, the two sliding units move towards or away from each other depending on the direction of rotation. The sliding units slide along two parallel guides fixed to the beam. The sliding units are equipped with T-slots for securing the support members of the transfer device. Two adjustment mechanisms are required for the horizontal section of the lateral transfer device: one for the upper part and one for the lower part. The vertical section usually requires at least two adjustment mechanisms. The distance between the two adjustment mechanisms must not exceed one meter.

ZCLA660 Width Adjustment Base



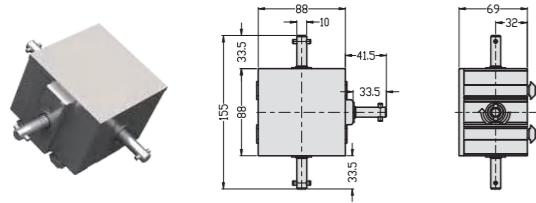
Code	Body machine Material	Thread material	Fastener	Dead Weight (kg)
ZCLA660	6063-T5	Galvanized steel design + blackish color	SUS	6.4

ZCLA950 Width Adjustment Base



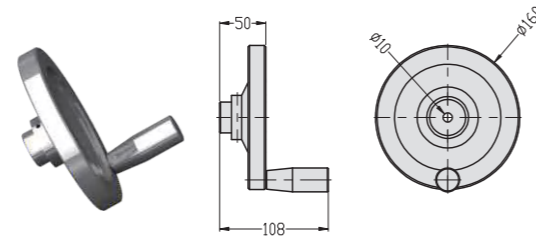
Code	Body machine Material	Thread material	Fastener	Dead Weight (kg)
ZCLA950	6063-T5	Galvanized steel design + blackish color	SUS	8.7

ZCFW90 Steering box



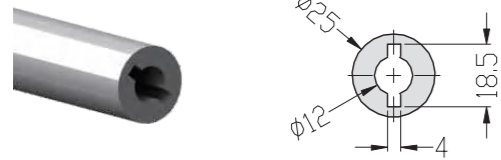
Code	Body machine Material	Thread material	Fastener
ZCFW90	6063-T5	zinc steel design / black zinc	SUS

ZLAW Handwheel

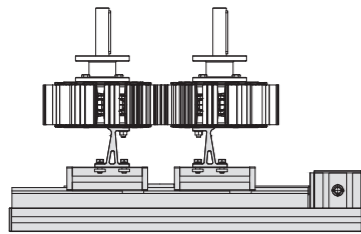


Code	Material
ZLAW160	chrome-plated carbon steel

Connecting shaft

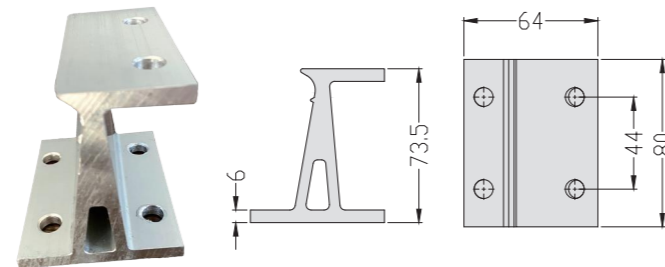


Code	Material	SPEC
ZLFX	6063-T5	3M/rope

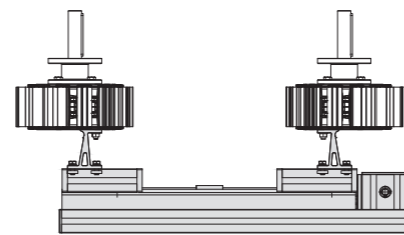


Min adjustment limit

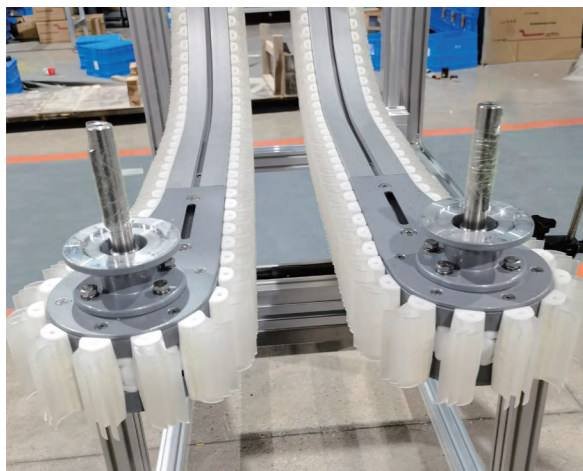
ZCAL Support bracket



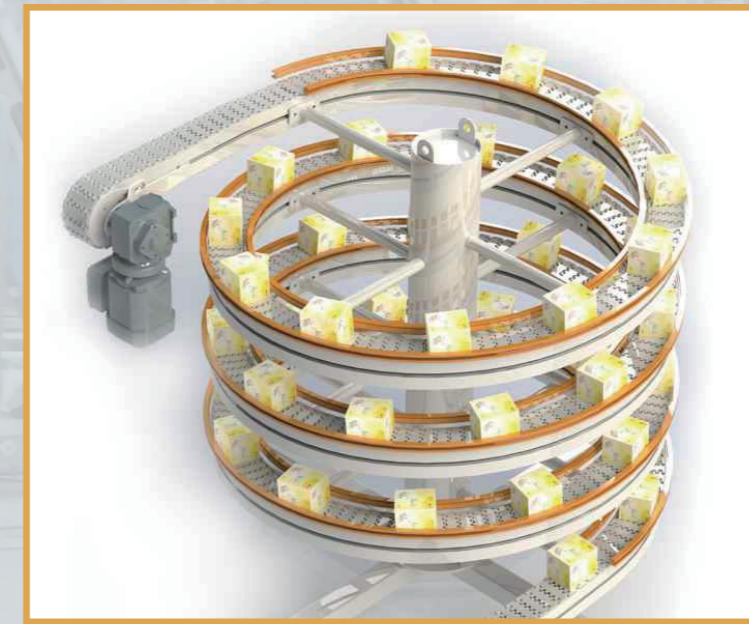
Code	Material
ZCAL80	6063-T5



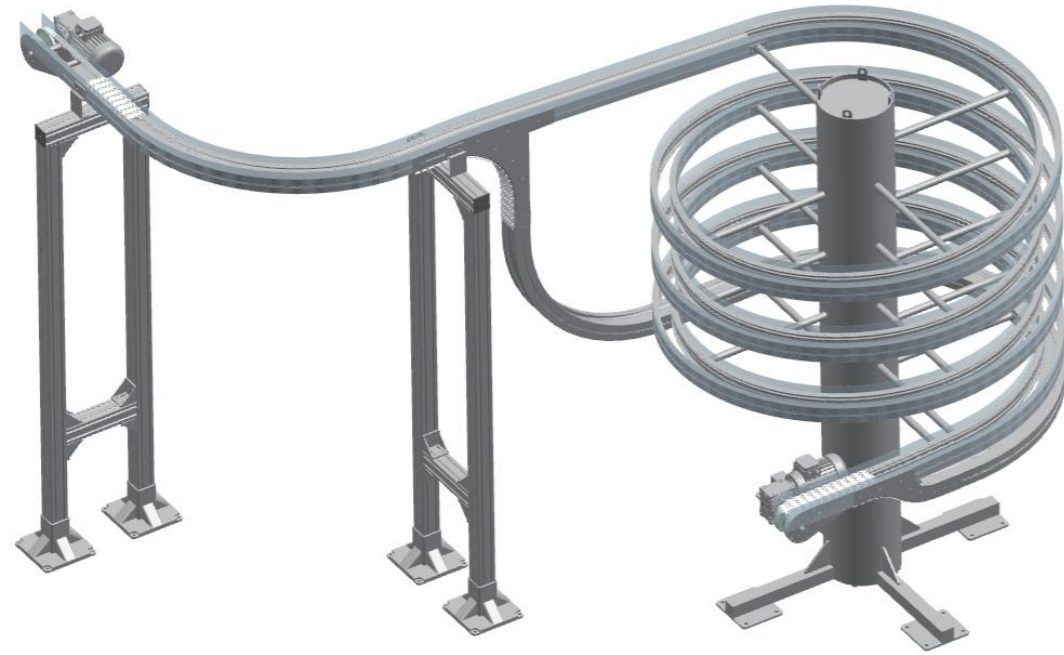
Max adjustment limit



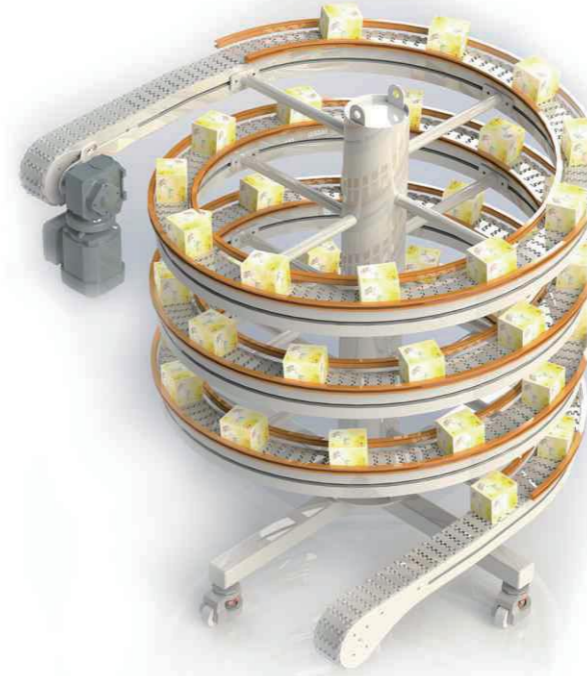
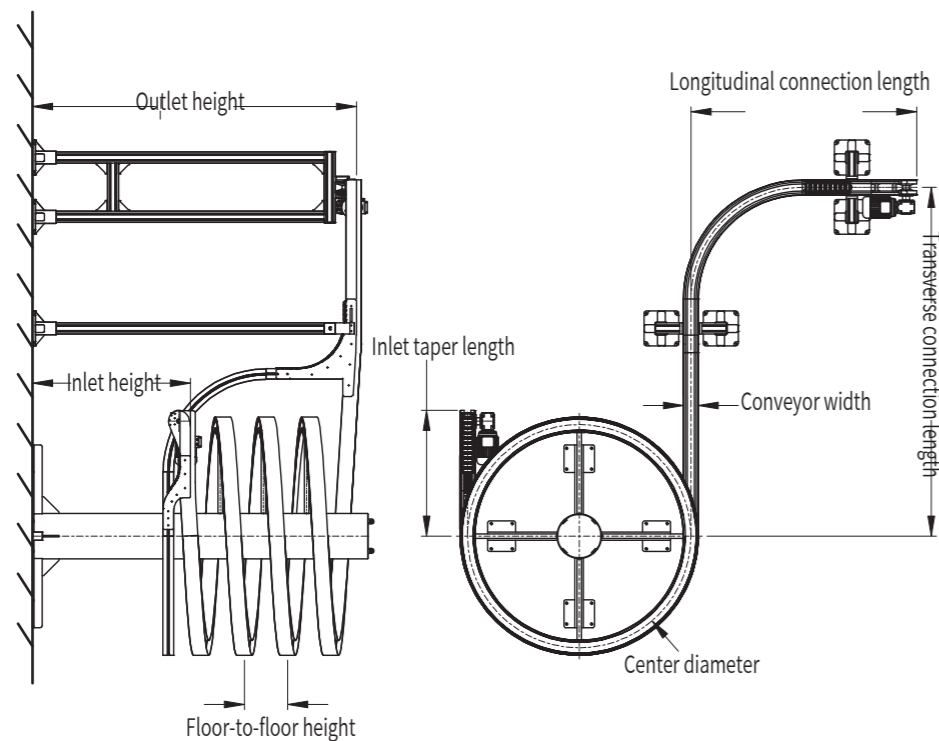
Spiral Flexible Conveyor



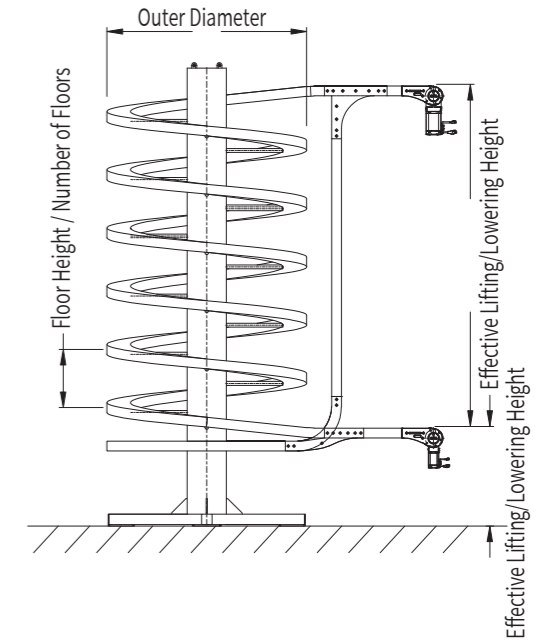
Spiral Flexible Conveyor



This flexible spiral conveyor adopts a dual-power synchronous drive mechanism of pulling from the top and pushing from the bottom, enabling the length of the line to be longer. The lower layer of the screw does not require a conveying chain, reducing the total length of the conveying chain and facilitating cost control.



Spiral Flexible Conveyo



Center line diameter	Conveying width	Floor height	Number of windings	Inlet and outlet direction
1000mm-2000mm	83mm/103mm/ 175mm/295mm	200-400mm	3-8 Group	
Bottom height	600、700、800、900 或 1 000 mm Adjus range -50/+70 mm			
Conveyable product specifications	Width = 50 -90 mm Length = 100 -180 mm Maximum height 300mm			
*Speed: 5-60 m/min * Maximum load: 10 kg/m (depending on the actual gear motor used; specific screw conveyors may have a lower limit)				

Spiral elevators are suitable for systems where products need to be transported vertically within a relatively small footprint, with the height depending on the floor height and the number of spiral windings. The purpose of using a spiral elevator is to transport products/goods vertically, thereby compensating for height differences or functioning as a cooling buffer tower. They should not be used to transport products containing protruding parts or loosely hanging components, or products that would result in a load higher than that specified in the technical parameters. They are also not to be used to transport products that do not conform to the dimensional specifications designated in the technical specifications associated with the specific spiral elevator. Furthermore, walking, standing, or sitting on the spiral elevator is prohibited, as is wedging objects or body parts between guards, slats, or other moving parts.

Accumulation Flexible Conveyor



Flexible chain buffer tower available chain plate models: ZL63, ZM83, ZH103. Suitable for lithium battery manufacturing industry, electronic and electrical industry, mechanical manufacturing industry, food and beverage industry, medicine and cosmetics industry, daily necessities and tobacco industry, and other item storage and buffering.

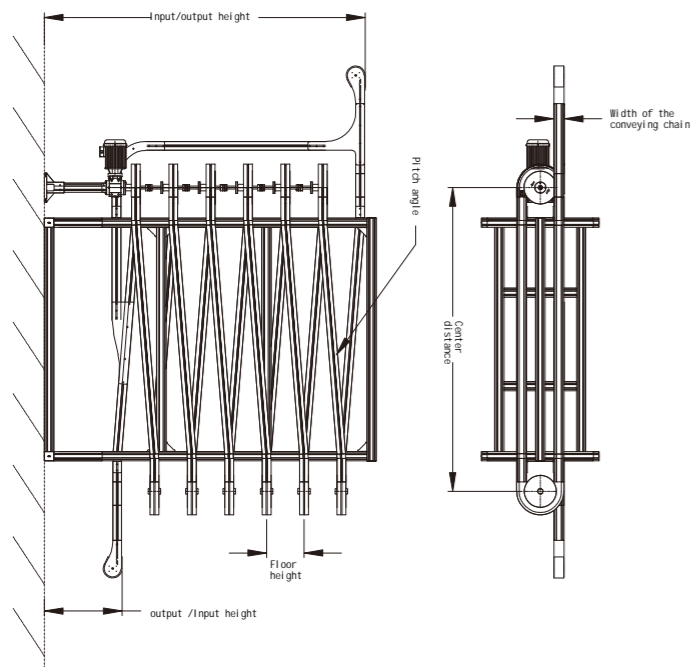


The flexible buffer tower can adopt a single-tower multi-layer synchronous disk drive and a dual-tower synchronous power sharing one motor drive, achieving a smaller footprint, buffering a larger quantity of products, and the product inlet and outlet positions can also be flexibly arranged according to the requirements, meeting the production layout in different scenarios.

Single Tower

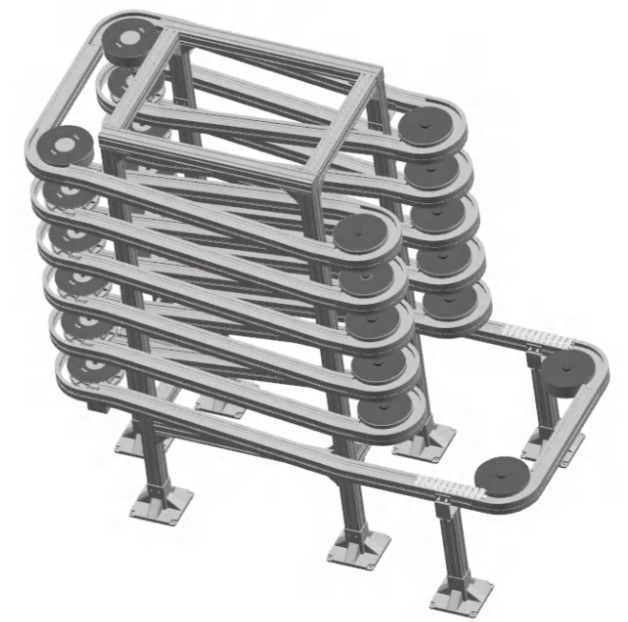
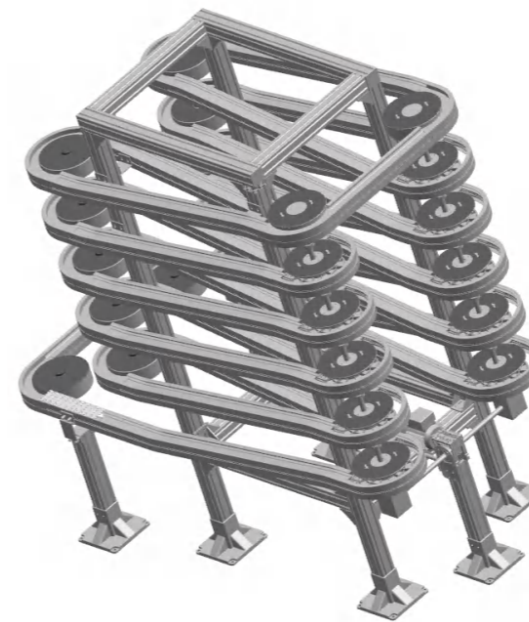


Models on the accumulation flexible conveyor

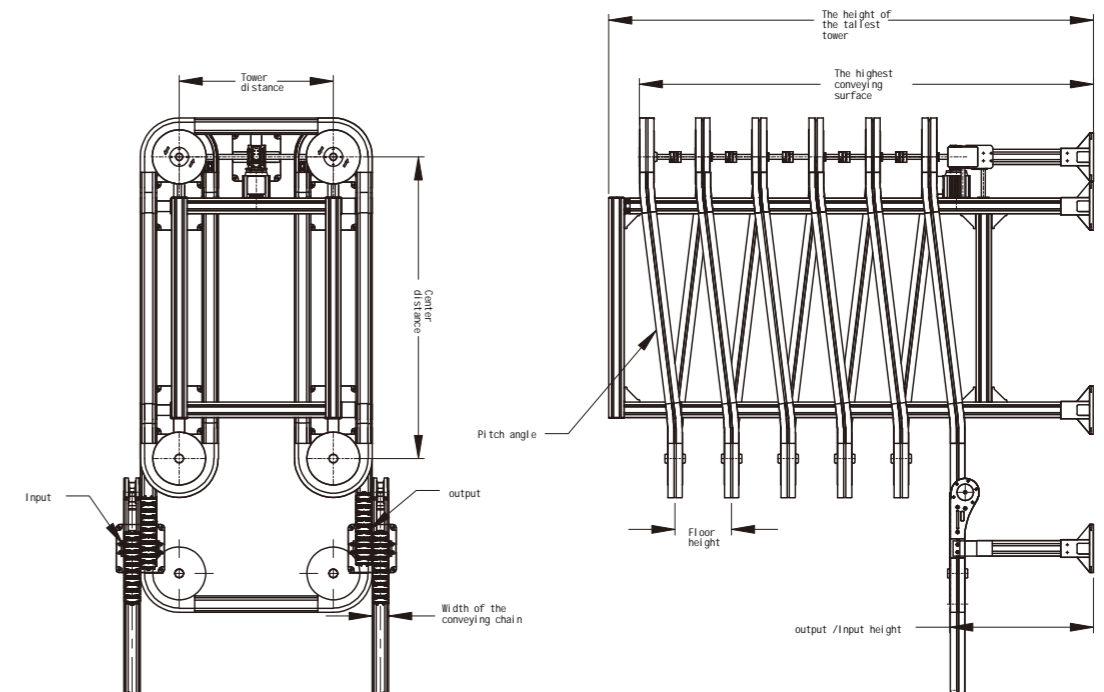


The flexible dual-tower system uses multi-layer discs to drive the synchronous power, which is shared by a single motor. This design reduces the footprint and enables the storage of a larger quantity of products. The positions of the product entry and exit can also be flexibly arranged according to requirements, meeting the production layout needs in different scenarios.

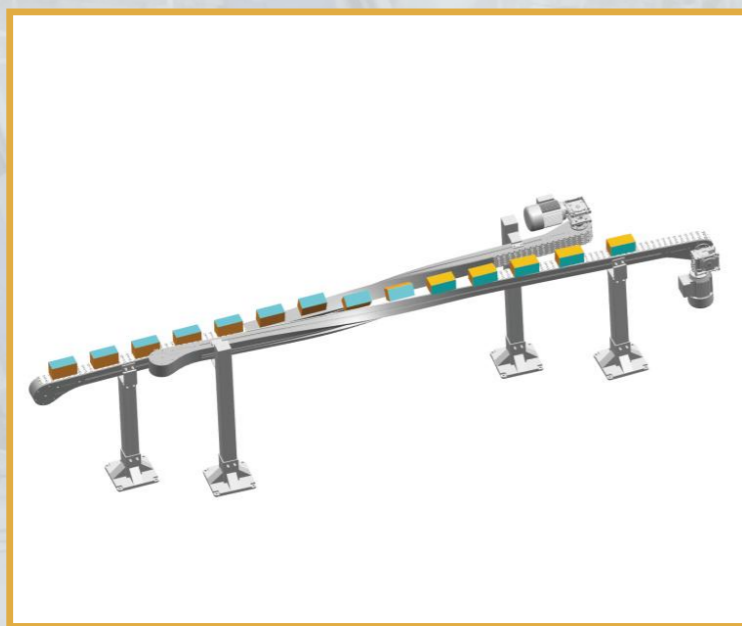
Double Tower



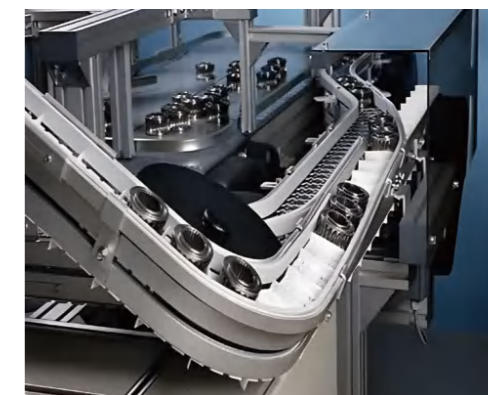
Models on the accumulation flexible conveyor



Pallet Conveyor System



Inverter Flexible Conveyor



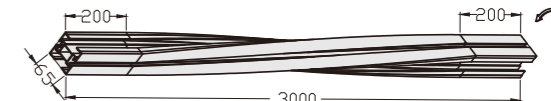
The flexible chain reversing conveyor is an efficient material conveying equipment that integrates flexible chain technology. Its core feature lies in the ability to perform material flipping, turning, or posture adjustment during the conveying process. It is widely used in production lines that require precise control of product orientation (such as in the food, pharmaceutical, and automotive parts industries)

Twisting Conveyor Beam

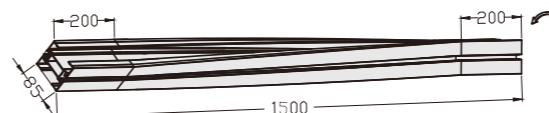
ZL65-45



ZL65-90



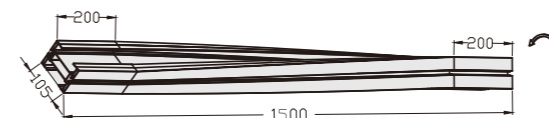
ZM85-45



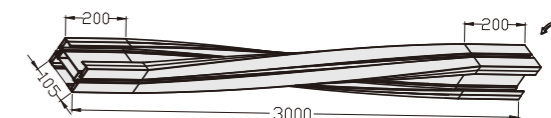
ZM85-90



ZH105-45



ZH105-90



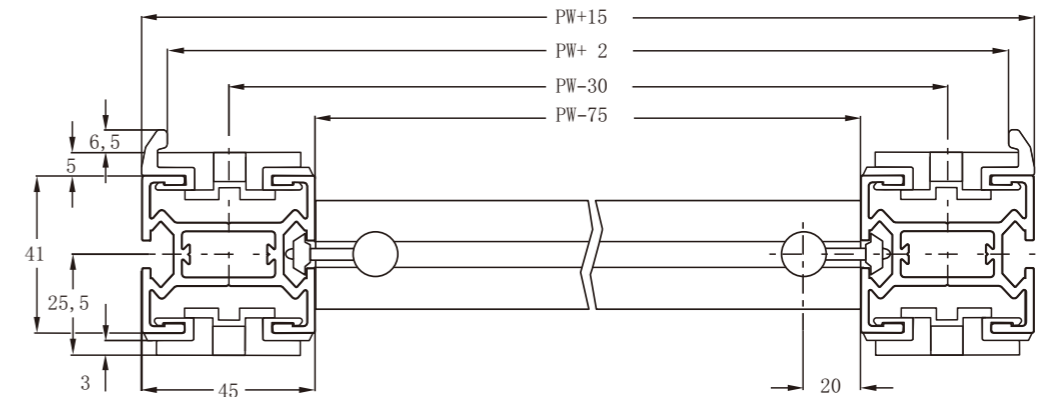
Suitable for special torsional conveying methods. The torsion angle of the profile ranges from 15° to 90° , and the torsion direction can be either clockwise or counterclockwise.



Pallet Conveyor System



Flexible chain dual-track conveying system, specially designed for short-distance transportation within 4 meters. Its ultra-thin design makes it suitable for use in narrow spaces. It is commonly used for precise positioning and transportation, and is an ideal choice for assembly lines and inspection lines. Pallets can be customized according to your requirements.

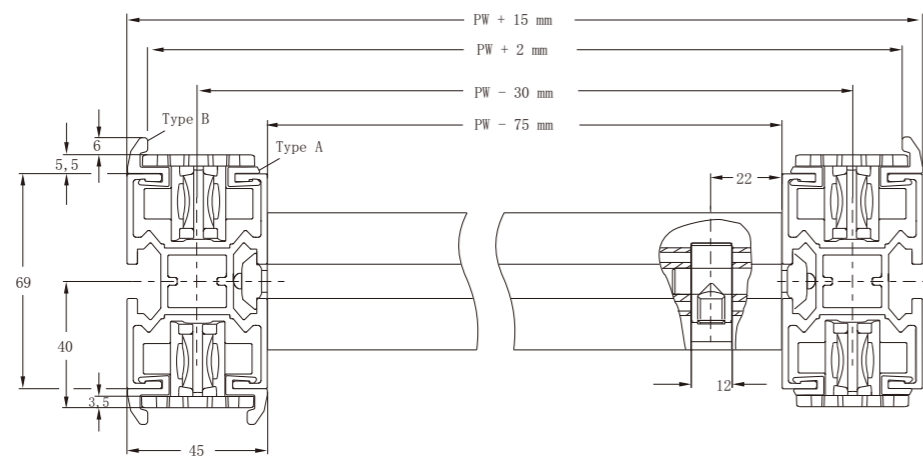


PW=240, 320, 400, 480, 640
Conveyor Chain and Line profile referring ZU43

Flexible chain duplex track pallet conveying system This system is particularly suitable for manual and automated assembly and testing systems in the automotive and power/electronics industries. The modular structure simplifies the design and ordering process, offers flexibility in assembly and quick configuration, and enhances production efficiency.



Pallet Conveyor System



PW=240, 320, 400, 480, 640
Conveyor Chain and Line profile referring Zs44

Aluminum profile conveyor



Aluminum profile conveyor

Aluminum profile Modular Belt ConveyorZD



The wide conveyor used for transportation and storage combines the features of the original flexible chain conveyor, and also offers the additional advantage of a bandwidth of up to 600 millimeters, allowing for effective transportation and buffering in several different configurations.

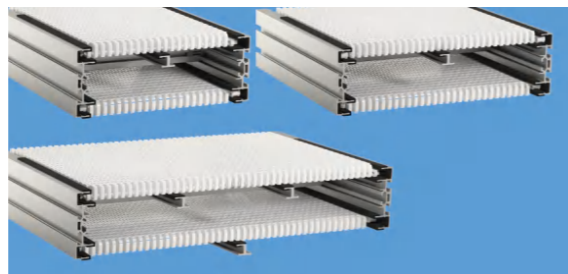
Many of the components of the original flexible system will be suitable for use, including the guide rail components and support pieces. Most components are connected by T-shaped fasteners to ensure maximum flexibility. No welding. Installing the conveyor and getting it running only requires minimal cutting and drilling.

Typical Application

The aluminum profile mesh chain conveying system is specifically designed for transporting and storing lightweight goods.

For example:

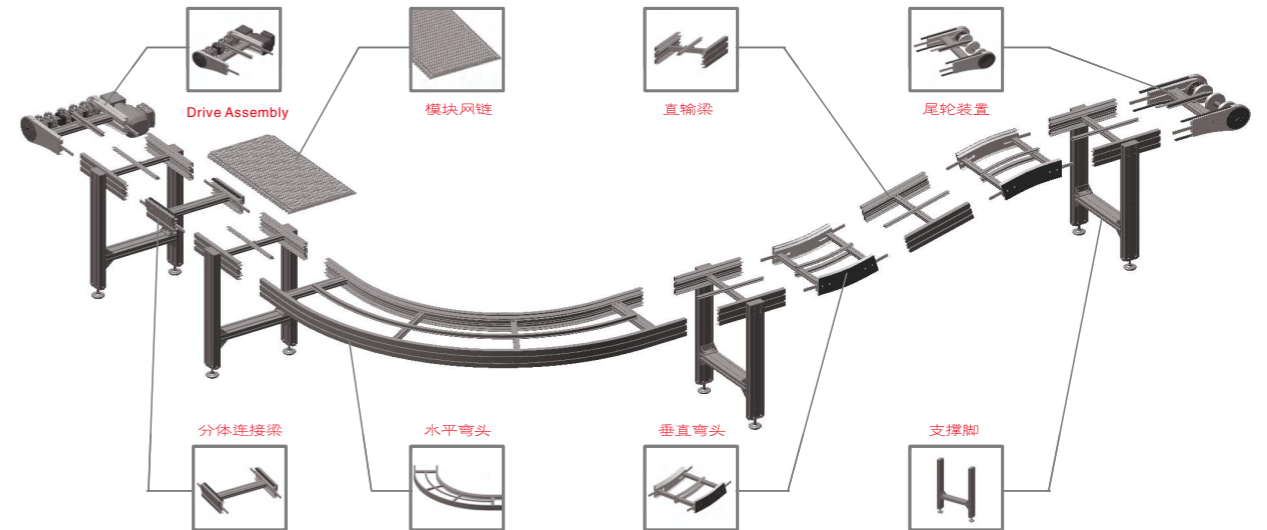
- Secondary packaging of food and medicine
- Bagged products
- Vacuum-packed products
- Tote boxes
- plastic container



Standard belt width:304mm 406mm 609mm

Technical Parameters

Pitch	Drive	Max Length	Max Loading	Linear Speed
25.4mm	16齿	15米	250KG	5-40m/min

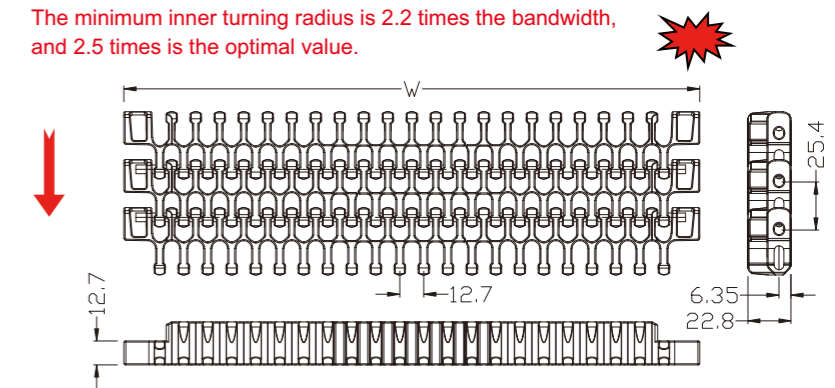


The standard widths of the aluminum profile mesh conveyor belt are 322mm, 424mm and 626mm. It can be used for straight-line, S-shaped and U-shaped conveyance. 30°, 45°, 60°, 90°, horizontal bend, or its combination. Vertical bend can be conveyed in 5° and 15°. Note: It is not recommended to use horizontal bends and vertical bends simultaneously for transportation.

2400-1

Nubtop Side Flex Chain

The minimum inner turning radius is 2.2 times the bandwidth, and 2.5 times is the optimal value.



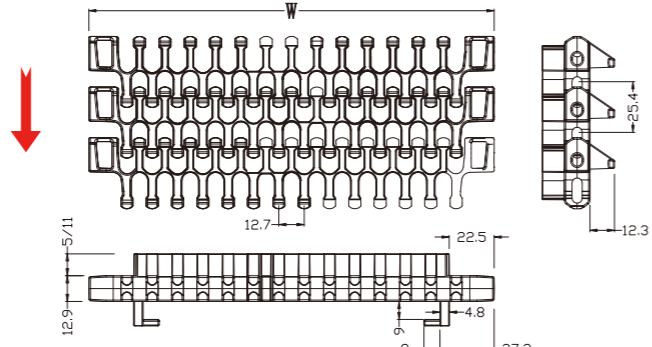
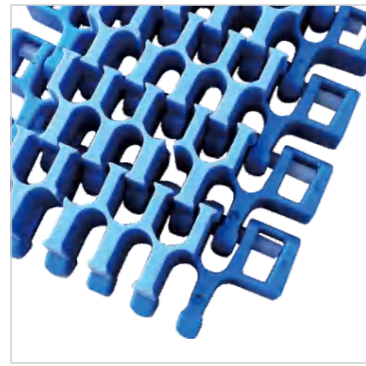
Wire mesh material	Uranium-depleted material	Working load N/m(21°C)	Weight (kg/m)	W Standard width(mm)	
				Single piece width	Assembly and combination
POM	POM	26000	14.7	Left: 123.5/180.7 Center: 50.5/152 Right: 123.5/180.7	W=152.4*N
	PBT	26000	14.8		
PP	PP	15000	9.4		
PE	PP	8000	9.9		
Wire link pitch(mm)	Uranium depletion diameter(mm)	Back bend radius (minimum value)		W Non-standard width	
25.4	4.6	10		W=152.4*N+12.7*n	

Optional standard width(MM)

Optional colors : White W0, dark gray Y1

228.6	304.8	381	457.2	533.4	609.6	685.8	762	838.2	914.4	990.6	1066.8
1143	1219.2	1295.4	1371.6	1447.8	1524	1600.2	1676.4	1752.6	1828.8	1905	1981.2

2400-1 An-slip Side Flex Chain

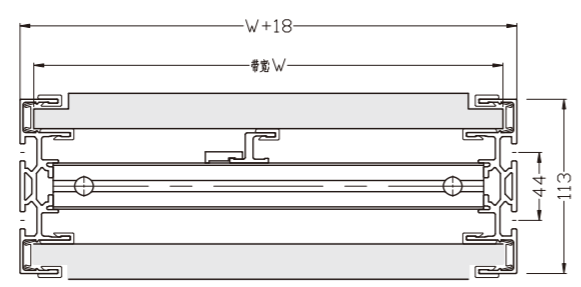
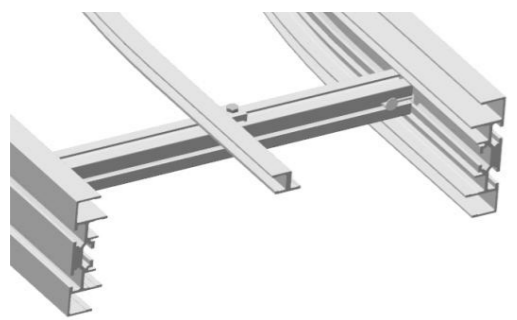


Calf hooks are optional.

Wire mesh material	Uranium-depleted material	Working load N/m(21°C)	Weight (kg/m)	W Standard width(mm)			Assembly and combination
				Single piece width			
PP+TPE	PBT	15000	8.7	Left: 123.7/231.7	Center: 152.2	Right: 123.7/231.7	W=101.6 Increment 152.4 Note: N,n increases in integer multiples; W represents the nominal width; Due to differences in material shrinkage rates, the actual width of the mesh belt is slightly smaller by 0.1% to 0.3%. [Please contact our company before customization for confirmation.]
				W Non-standard width W=101.6+12.7*n			
Wire link pitch(mm)	Uranium depletion diameter(mm)	Back bend radius (minimum value)					
25.4	4.6	10					

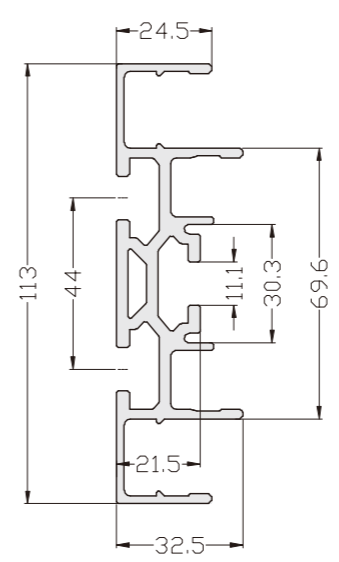
Optional standard width(MM)				Optional colors: White W0, navy blue C0 dark gray Y1							
228.6	304.8	381	457.2	533.4	609.6	685.8	762	838.2	914.4	990.6	1066.8
1143	1219.2	1295.4	1371.6	1447.8	1524	1600.2	1676.4	1752.6	1828.8	1905	1981.2

Conveyor Frame

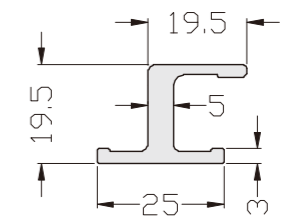


- ※ The frame part of the conveyor is composed of the conveying side beam, cross braces, intermediate supports and fasteners, with a length ranging from 0.5 meters to 3 meters.
- ※ Each 3-meter frame section is formed by connecting two frame profiles through four cross braces.
- ※ The conveyor chain slides on the top edge of the frame profiles and returns at the bottom.
- ※ The plastic slide rails ensure a low-friction contact between the chain and the conveyor frame.
- ※ One or more intermediate supports are used to prevent the central part of the chain from sagging due to heavy load.

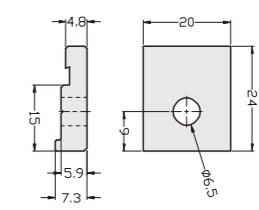
Side beam Mid support



Category	Item Name	Material	SPEC	Dead Weight
ZDCF113	Side beam	6061-T5	3M/rope	2.28KG/M



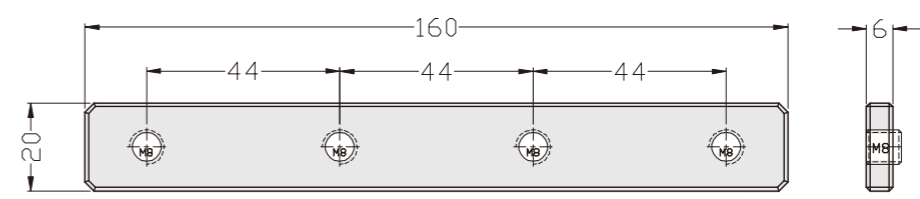
Category	Item Name	Material	SPEC	Dead Weight
ZDCN20	Mid support	6061-T5	3M/rope	0.5KG/M



Category	Item Name	Material	Dead Weight
ZDCP20	Block	6061-T5	6.6g

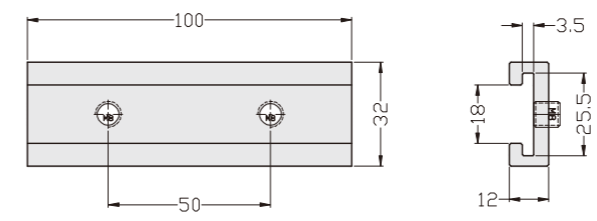
Block

Connecting Strip



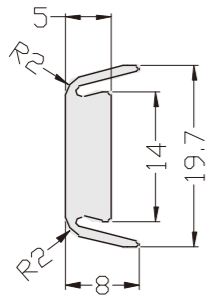
Category	Item Name	Material	SPEC	Dead Weight	Note
ZDCJ160	Connecting Strip	Galvanized Carbon Steel	160x20x6	152g	including 4-M8x6 setscrew

Connecting Post

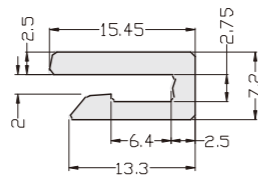


Category	Item Name	Material	Dead Weight	Note
ZDCN100	Connecting Post	6061-T5	61g	including 2-M8x6 setscrew

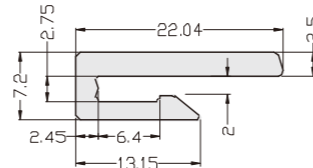
Guide Strip



Model	Material	SPEC
ZDCS20	PE White	25 m/roll

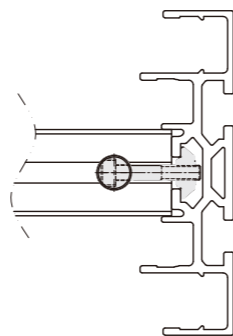
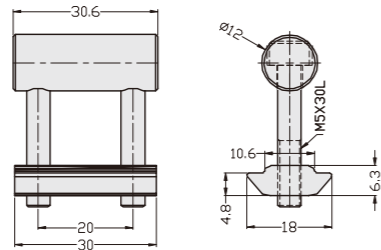
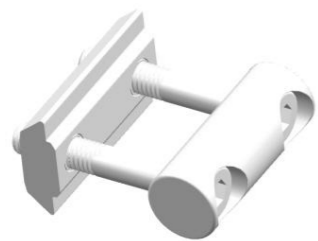


Model	Material	SPEC
ZDCR15	PE White	25 m/roll



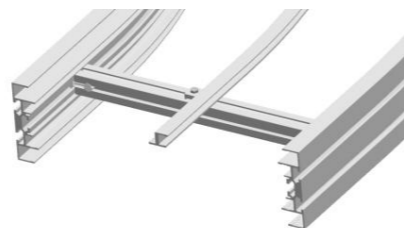
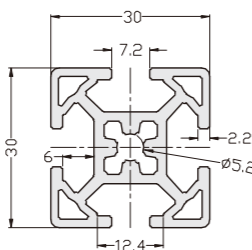
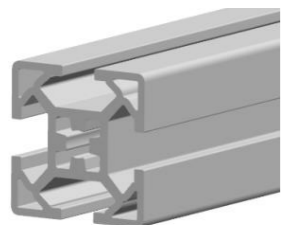
Model	Material	SPEC
ZDCR22	PE White	25 m/roll

Horizontal Fastening Kit



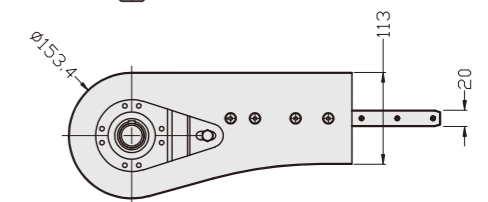
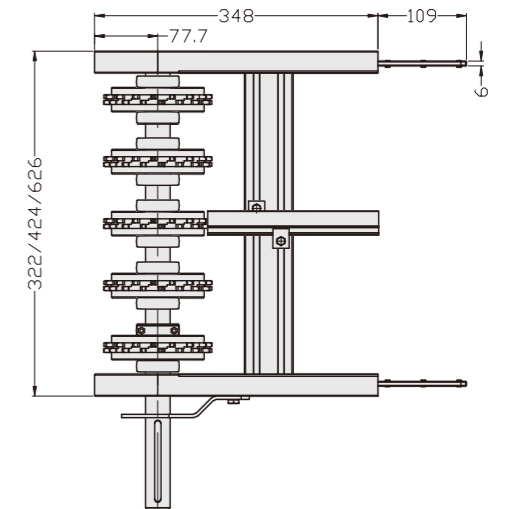
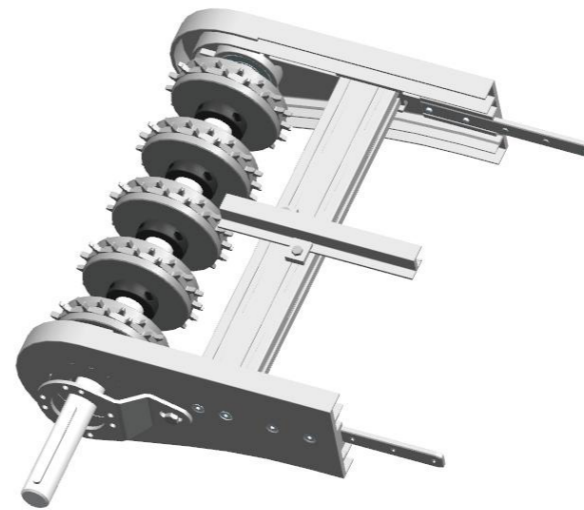
Model	Item Name	Material	Dead Weight
ZDCF30	Horizontal Fastening Kit	Galvanized Carbon Steel	50g

Horizontal Support Beam



Model	Material	SPEC	Dead Weight
ZDCM30	6061-T5	3M/rope	0.95KG/M

ZD Drive Assembly - 16T



The tail sprocket at the end of the conveyor is used to guide the chain from the return side of the conveyor to the top side with the minimum friction.

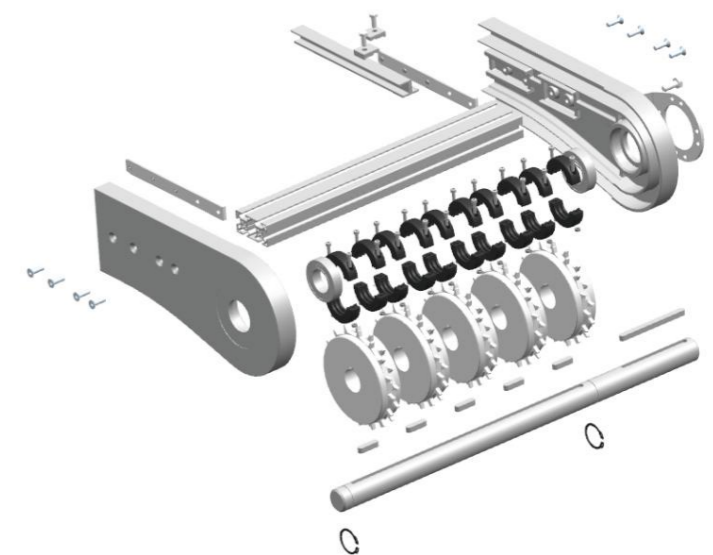
It is guided by three or more idler wheels on the round shaft and is supported by ball bearings.

Actual path: 750mm

Match sprocket teeth: 16 teeth

Sprocket QTY and line profile width table

Line profile width	322mm	424mm	626mm
Sprocket qty	5	5	7

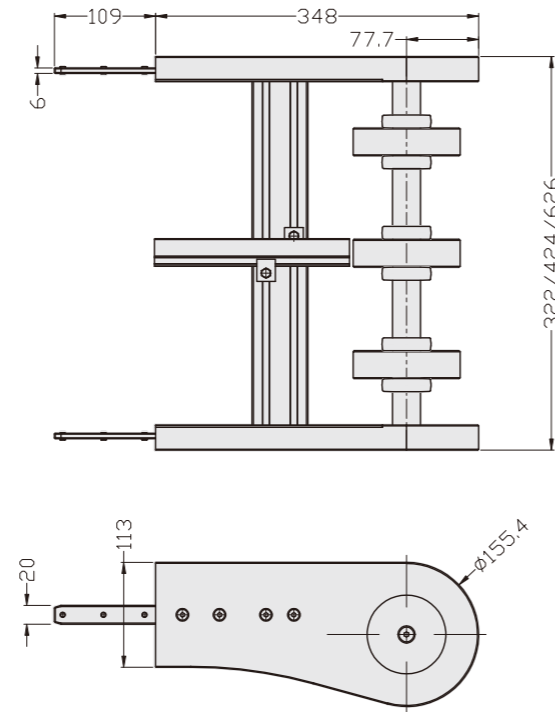


ZD Drive Assembly-16T

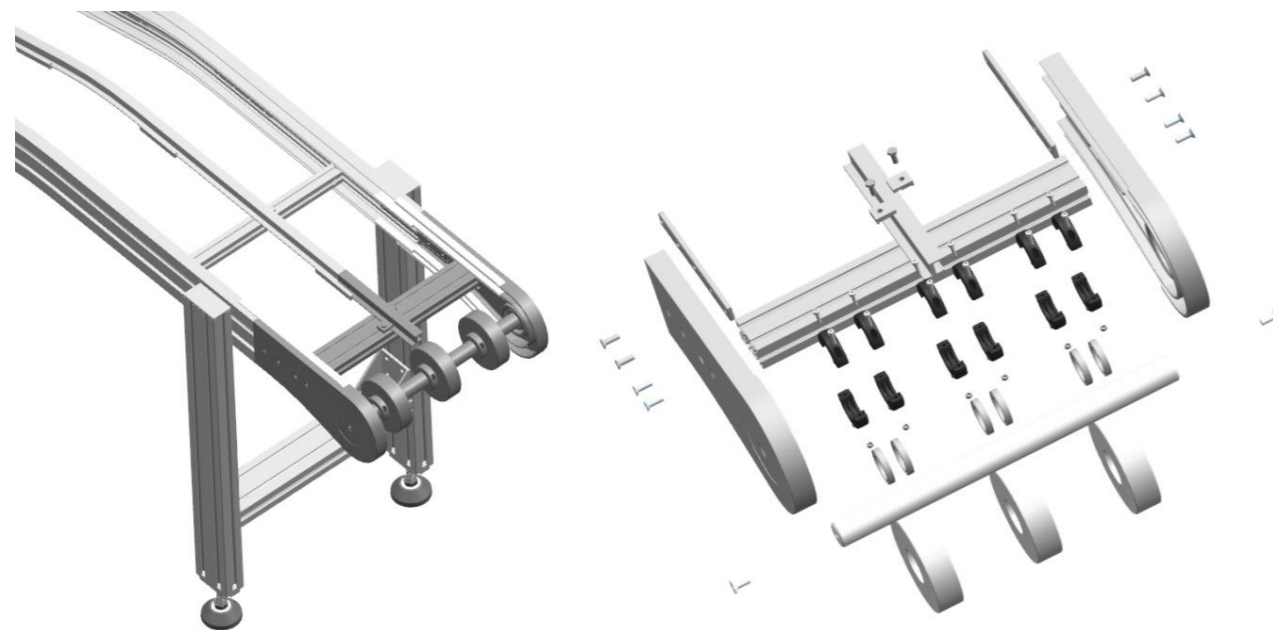


The tail sprocket at the end of the conveyor is used to guide the chain from the return side of the conveyor to the top side with the minimum friction. It is guided by three or more idler wheels on the round shaft and is supported by ball bearings.

Actual path: 750mm
Match sprocket teeth: 16 teeth
Sprocket QTY and line profile width table

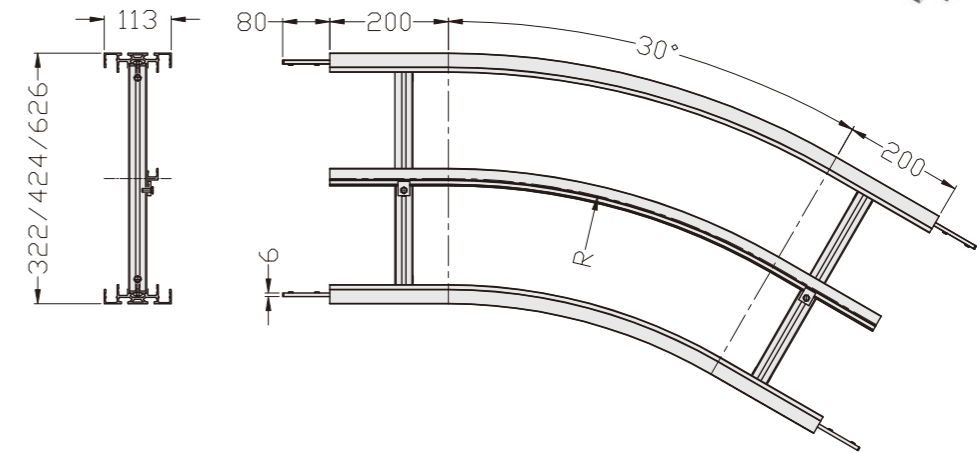
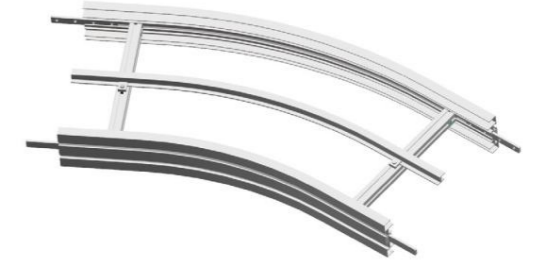


Line profile width	322mm	424mm	626mm
Sprocket qty	3	3	5



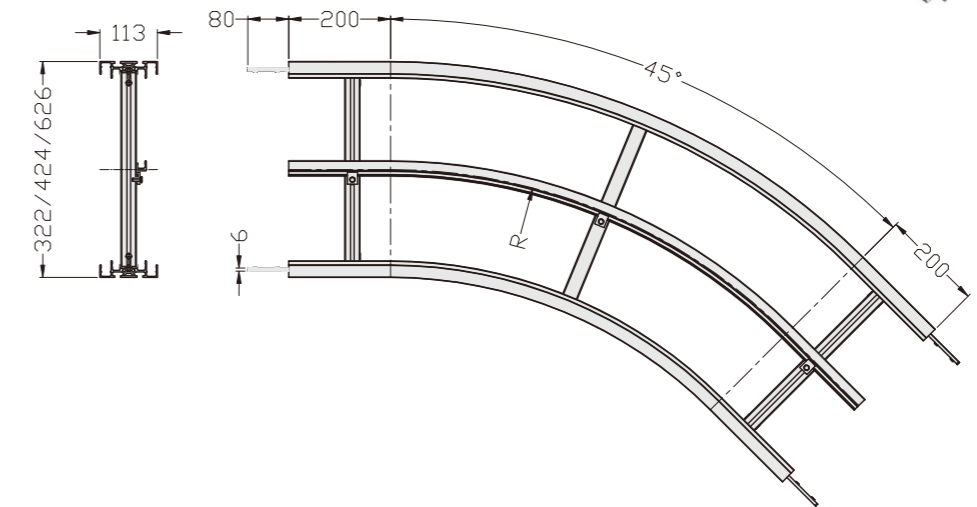
Vertical Bend 30°

Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBP30R820	R820	830	1660
ZDBP30R1100	R1100	976	1952
ZDBP30R1650	R1650	1264	2528



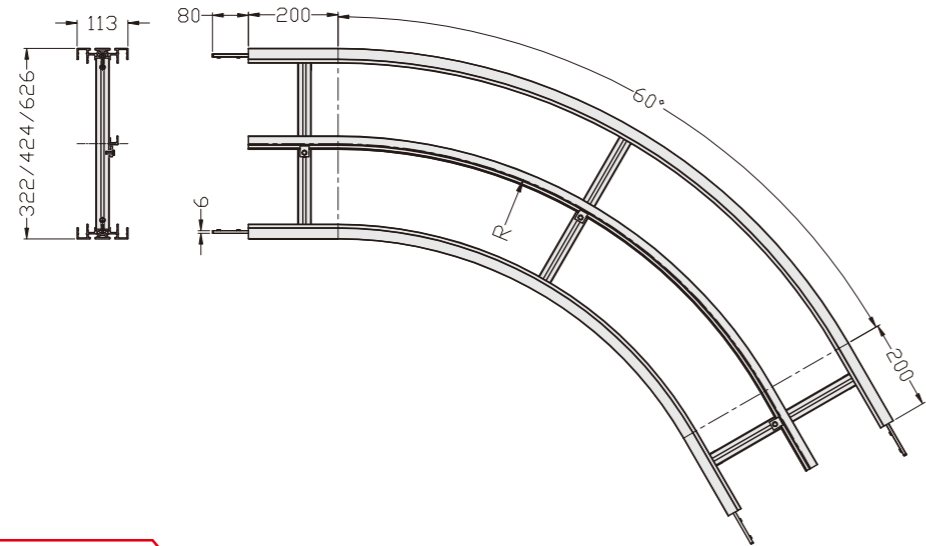
Vertical Bend 45°

Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBP45R820	R820	1044	2088
ZDBP45R1100	R1100	1264	2528
ZDBP45R1650	R1650	1696	3392



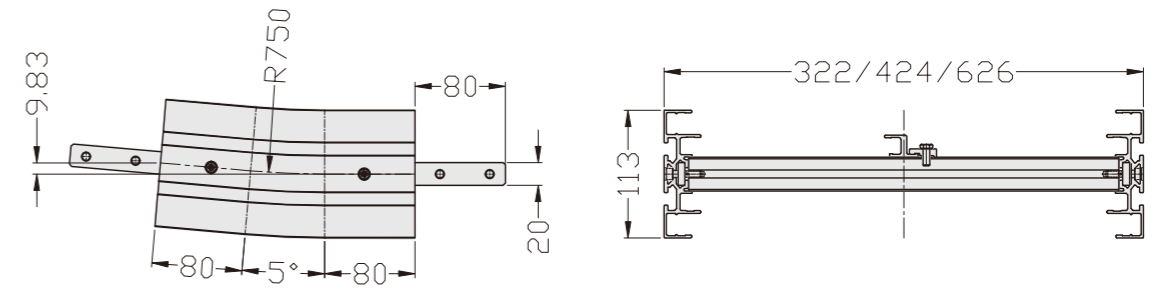
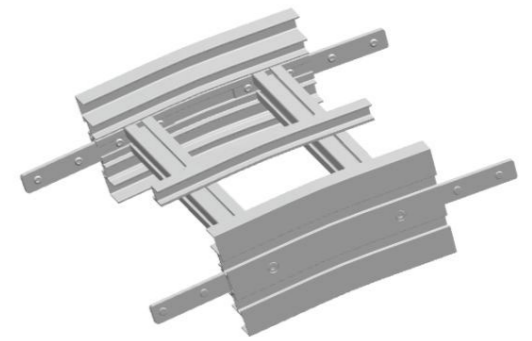
Horizontal bend 60°

Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBP60R820	R820	1259	2518
ZDBP60R1100	R1100	1552	3104
ZDBP60R1650	R1650	2128	4256



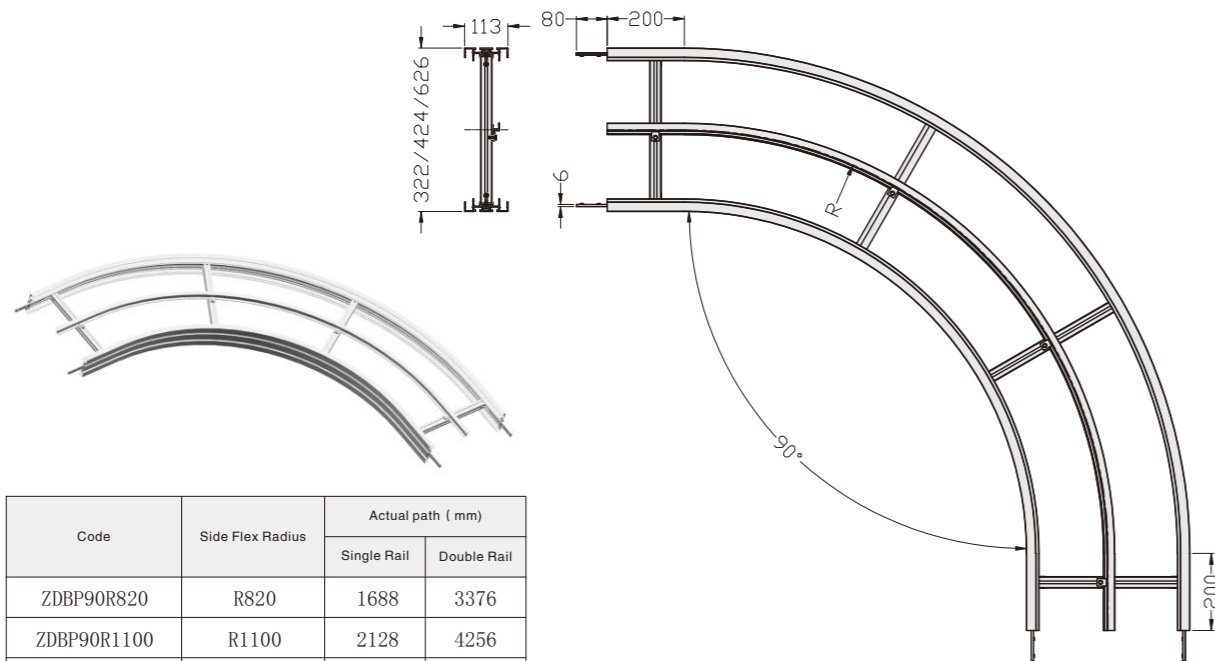
Vertical Bend 5°

Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBV5R750	R750	226	452



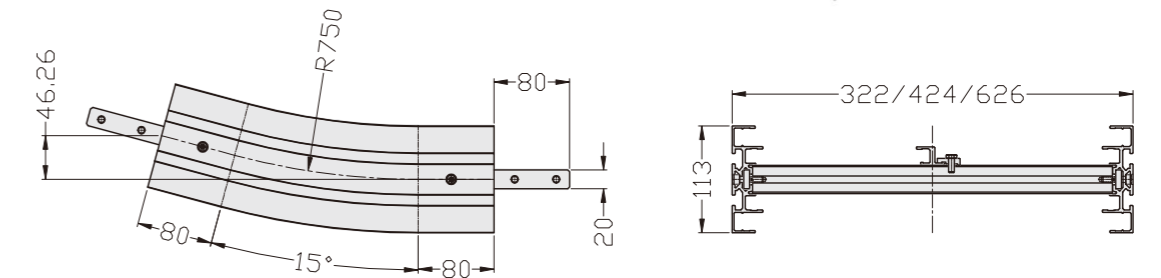
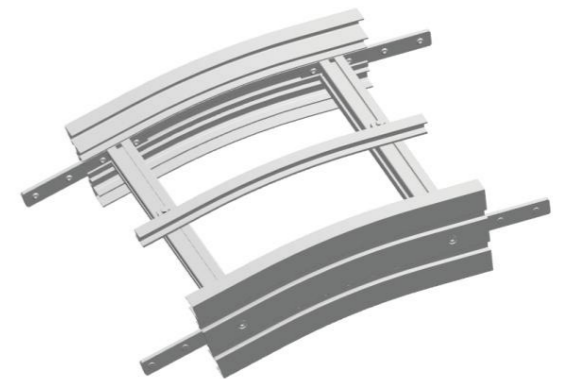
Horizontal bend 90°

Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBP90R820	R820	1688	3376
ZDBP90R1100	R1100	2128	4256
ZDBP90R1650	R1650	2992	5984

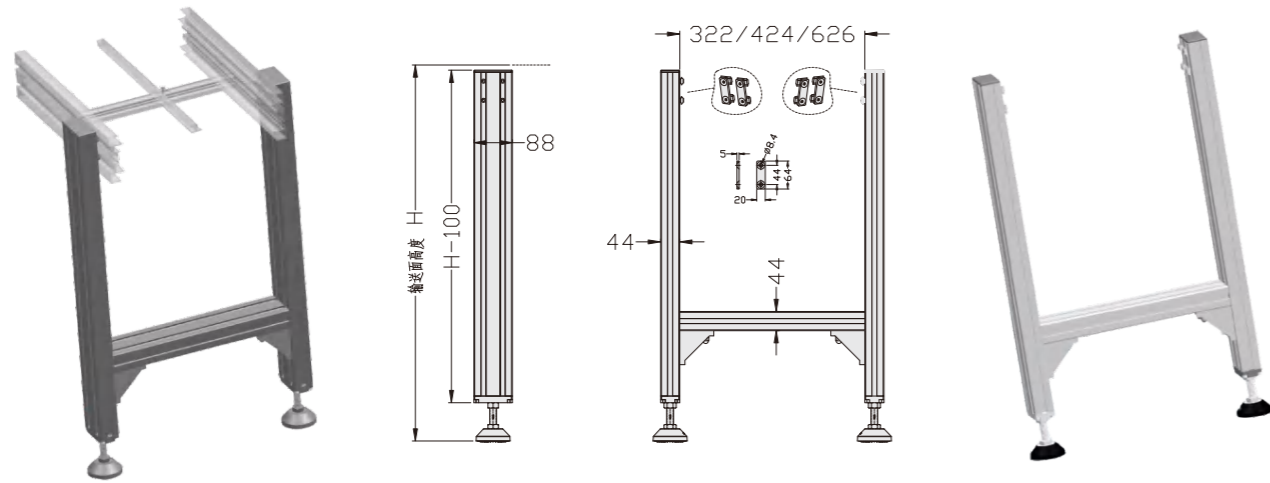


Vertical Bend 15°

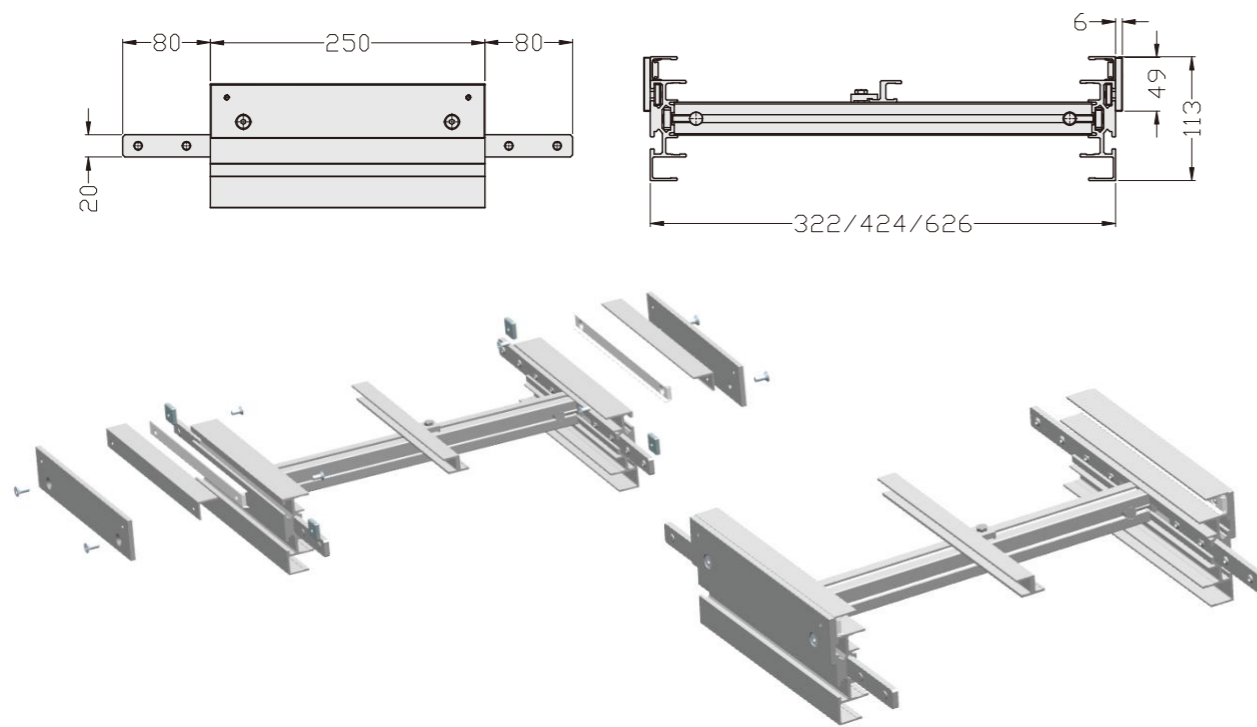
Code	Side Flex Radius	Actual path (mm)	
		Single Rail	Double Rail
ZDBV15R750	R750	357	714



Support leg



Split Connecting Beam

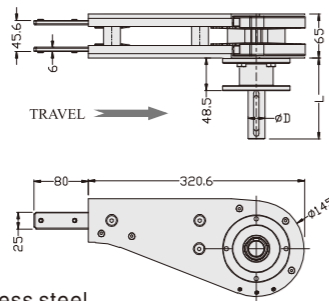


Suitable for installing and dismantling the conveying chain on the conveying rail section. It needs to be placed at the connection point of the conveyor profiles. ZD End drive Assembly and tail Sprocket are enclosure structure, so there must equip split Connecting Beam for dismantling.



End Drive Assembly

ZLEBX63

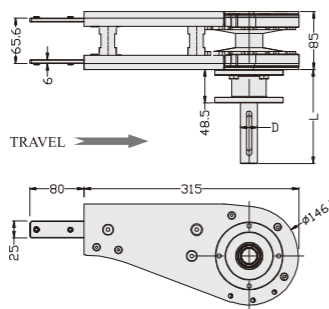


The outer shell is made of 304 stainless steel.

The illustration shows a right-out shaft (the motor is placed on the right side), with the option of a left placement.
 Effective track length: 720mm
 Number of matching sprocket teeth: 16 teeth

The flange, shaft length and shaft diameter are optional items, matching required reduction motor.
 Maximum traction force: 1800N
 Linear speed: 5 – 60 meters per minute.

ZMEBX83

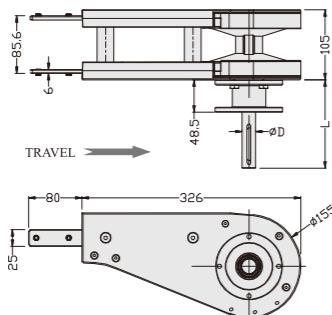
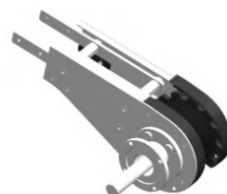


The outer shell is made of 304 stainless steel.

The illustration shows a right-out shaft (the motor is placed on the right side), with the option of a left placement.
 Effective track length: 700mm
 Number of matching sprocket teeth: 12 teeth

The flange, shaft length and shaft diameter are optional items, matching required reduction motor.
 Maximum traction force: 2500N
 Linear speed: 5 – 60 meters per minute.

ZHEBX103



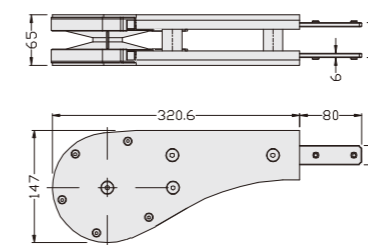
The outer shell is made of 304 stainless steel.

The illustration shows a right-out shaft (the motor is placed on the right side), with the option of a left placement.
 Effective track length: 730mm
 Number of matching sprocket teeth: 12 teeth

The flange, shaft length and shaft diameter are optional items, matching required reduction motor.
 Maximum traction force: 3100N
 Linear speed: 5 – 60 meters per minute.

Tail Sprocket

ZLEJX63

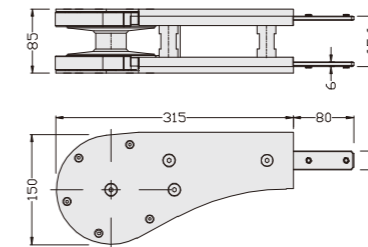


The outer shell is made of 304 stainless steel. TRAVEL →

Effective track length: 720mm.
 Matched equivalent tooth count: 16 teeth.

The purpose of the tail wheel device is to change the direction of the chain with the minimum amount of friction.

ZMEJX83

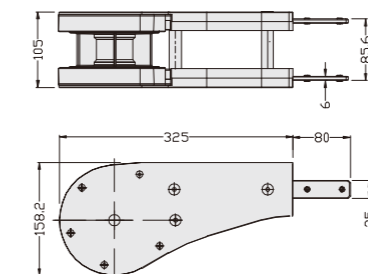


The outer shell is made of 304 stainless steel. TRAVEL →

Effective track length: 700mm.
 Matched equivalent tooth count: 12 teeth.

The purpose of the tail wheel device is to change the direction of the chain with the minimum amount of friction.

ZHEJX103

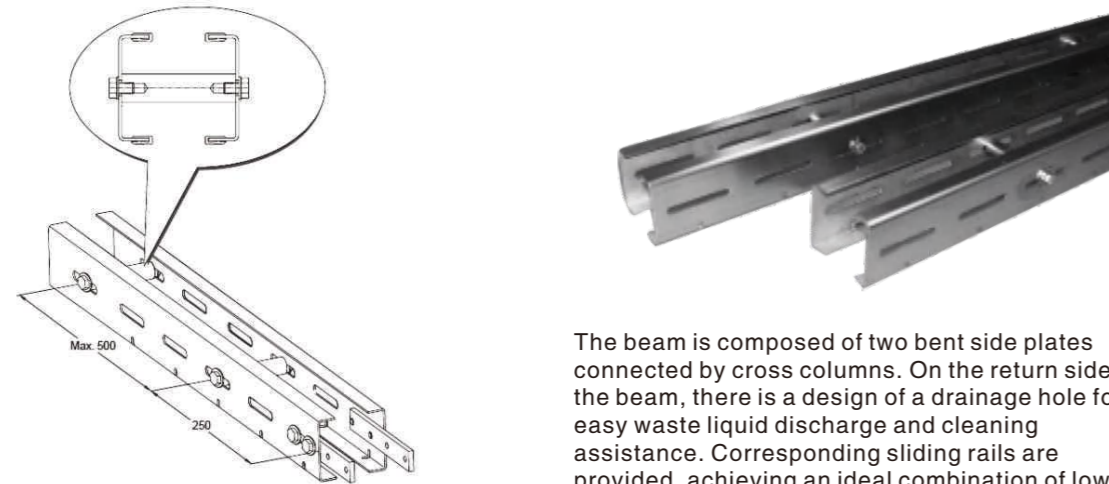


The outer shell is made of 304 stainless steel. TRAVEL →

Effective track length: 730mm.
 Matched equivalent tooth count: 12 teeth.

The purpose of the tail wheel device is to change the direction of the chain with the minimum amount of friction.

Conveyor Beam

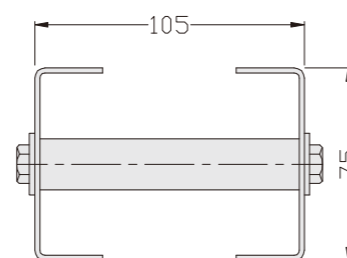
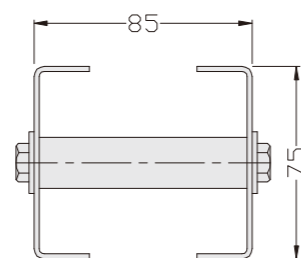
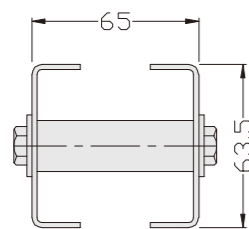


The beam is composed of two bent side plates connected by cross columns. On the return side of the beam, there is a design of a drainage hole for easy waste liquid discharge and cleaning assistance. Corresponding sliding rails are provided, achieving an ideal combination of low friction and optimal hygiene.

ZLCBX63

ZMCBX83

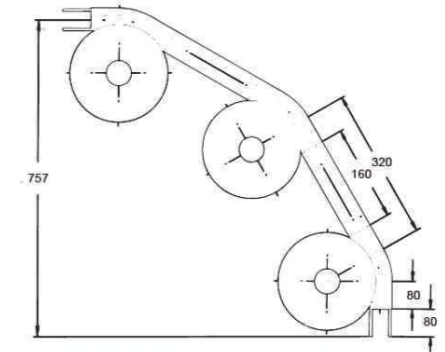
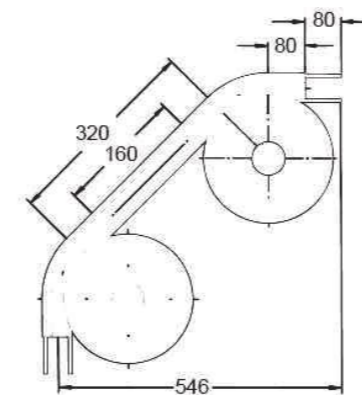
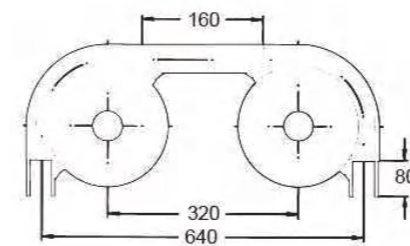
ZHCBX103



Material: SUS304

Order length: 0.2-3.0M

Stainless steel horizontal elbow pipe



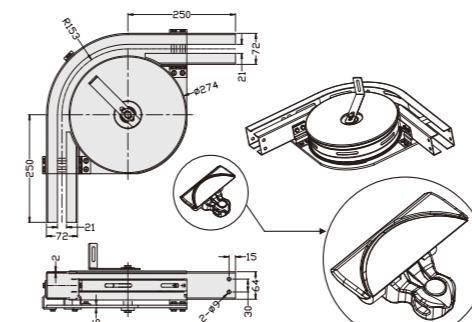
The horizontal wheel bend is used to change the direction of the transmission device horizontally under the condition of minimum friction. The design of the wheel bend is to serve as the guide for the conveyor chain in the return track and the top track. Due to the length restrictions of certain products, 90-degree wheel bends cannot be used. In such cases, the direction change can be achieved using two 45-degree or three 30-degree wheel bends. As shown in the figure.

The specific dimensions of the wheel bend head should be referred to the standard transmission system. However, the material of the frame and connecting parts has been changed to SUS304.

Encoding: ZLBHX-30/45/90/180-R150
ZMBHX-30/45/90/180-R160
ZHBHX-30/45/90/180-R170

Horizontal elbow pipe ZE1775

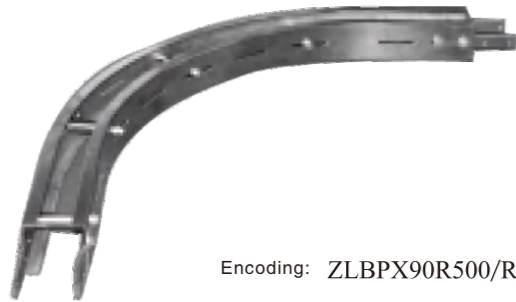
ZEBH90R153



Applicable: ZE1775

Effective track length:
Single track: 740mm (Double track: 1480mm)
Frame: SUS304

Stainless steel horizontal standard elbow pipe



Encoding: ZLBPX90R500/R1000
ZMBPX90R500/1000
ZHBPX90R500/1000

The stainless steel horizontal common elbow has the same design structure as the stainless steel main body. It is used in situations where the wheel elbow is not suitable. For example:
Places with limited space
Long products requiring a large turning radius
Multi-track conveying turning
※ Note: Always choose the maximum possible radius.

The specific dimensions of the ordinary elbows should be referred to the standard transmission system. However, the materials of the frame and connecting parts have been changed to SUS304.

Stainless steel vertical elbow pipe

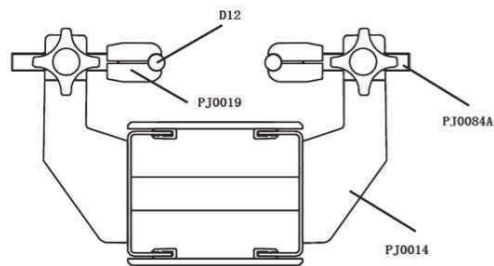


Encoding: ZLBVX-5/15-R300
ZLBVX-5/15-R400
ZLBVX-5/15-R400

The stainless steel vertical elbows can be used in inclined or sloping areas. There are two forms: 5 degrees and 15 degrees. For transmission devices with an inclination angle exceeding 5 degrees, a chain guard or anti-slip chain is required; otherwise, the product may slide backward on the chain. In general, anti-slip chains can be used in areas with an inclination angle less than 30 degrees. Note
Meaning: The vertical elbow increases the tension of the chain and generates higher stress on the slide rail.

The specific dimensions of the vertical elbow should be referred to the standard transmission system. However, the material of the frame and connecting parts has been changed to SUS304.

Guide rail bracket



The adjustable guide rail bracket includes components that can be used to form various types of guide rails. Unless otherwise specified, the guide rail bracket components are made of nylon and fiber materials. Standard screws, nuts and washers must be made of suitable stainless steel.

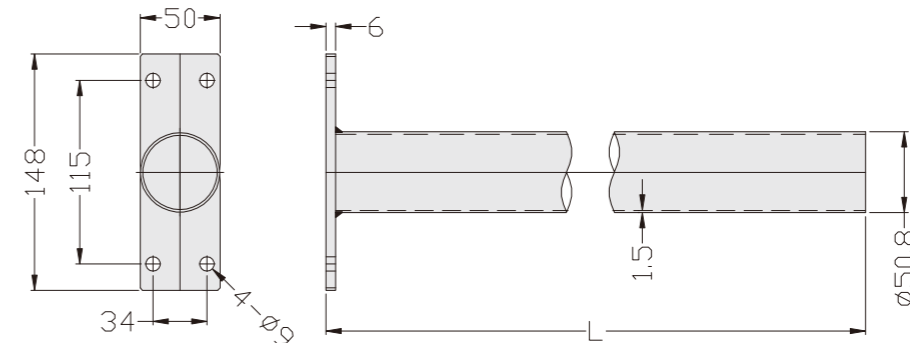
The corresponding guide components are also applicable to the standard transmission system. For some components, please refer to the detailed catalogue of guide components in the standard transmission system.

Stainless steel system support components

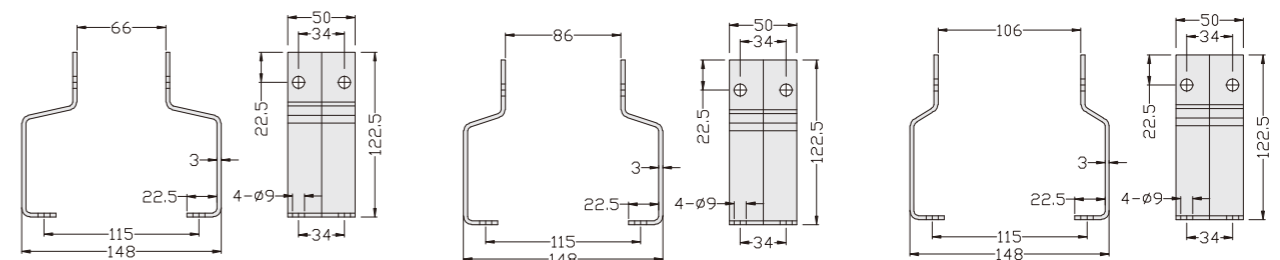


The supporting components of this transmission device consist of stainless steel tubes, a connecting plate that connects them to the beam body, and a beam support frame. Two-point or three-point reinforced nylon supports with connecting pieces are available for the transmission device support of all system widths. The supports are equipped with threaded sleeves and anti-slip joint feet with adjustable heights. If not fixed to the ground, they can not only increase friction but also reduce vibrations. The height can be adjusted from 30 to 100 by choosing the appropriate length of the joint foot.

Stainless steel legs



Stainless steel support frame



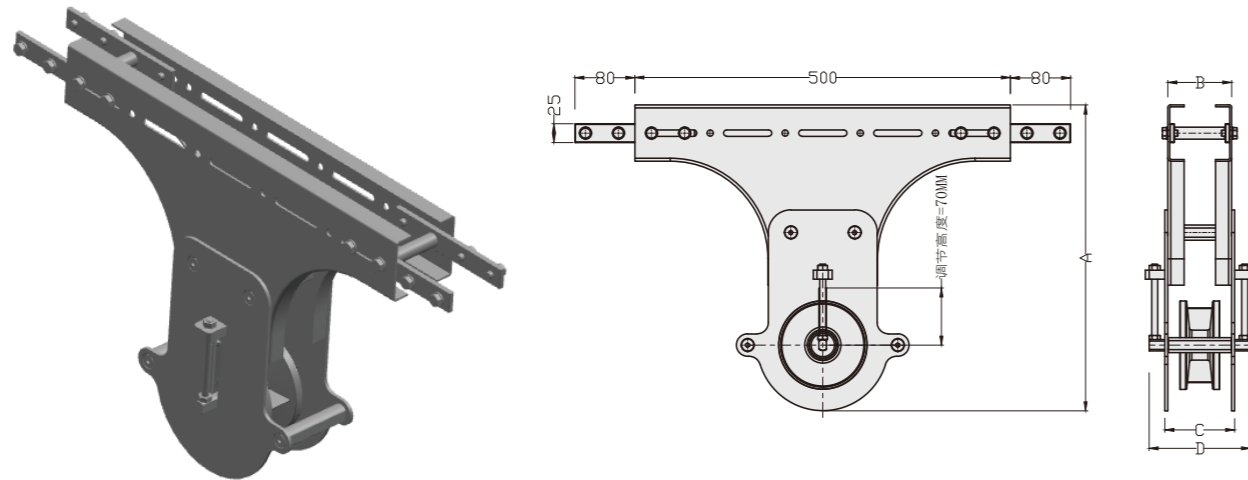
ZLCTX63

ZMCTX83

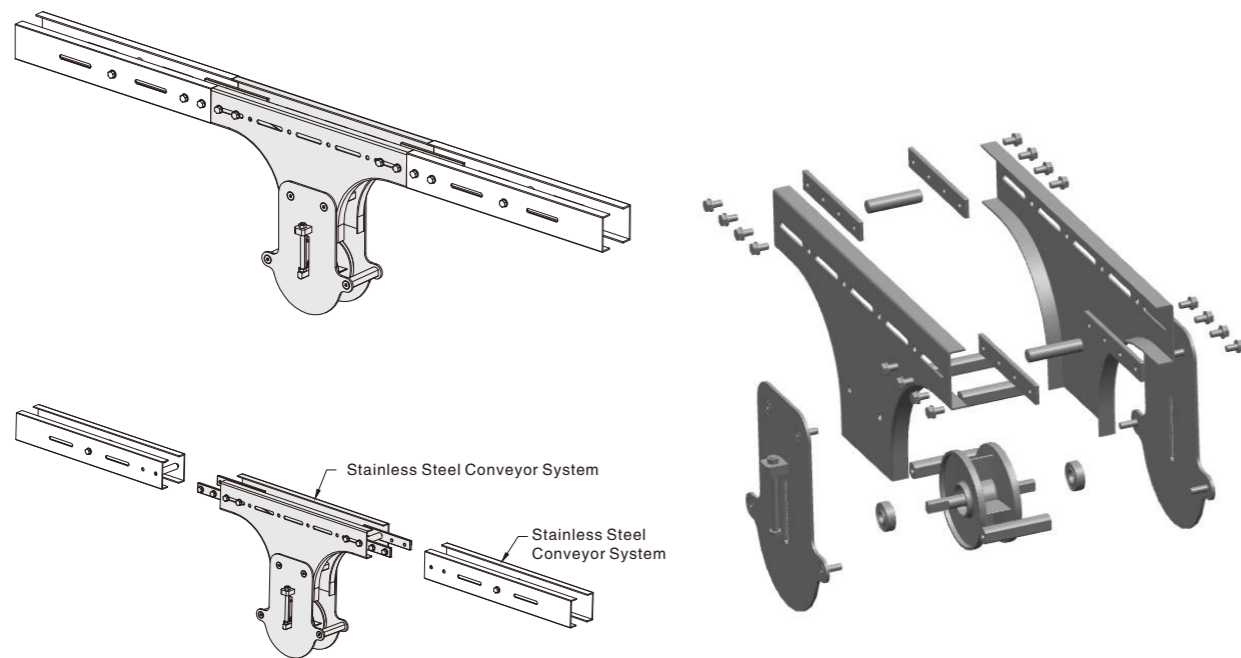
ZHCTX103

Stainless Steel Tension Assembly

※Stainless Steel Cover



Category	Referring actual path: 395mm	Reference Weight kg	A	B	C	D
ZLZJ-63	1.3m	6.2kg	386mm	65mm	73mm	115mm
ZMZJ-83	1.35m	7.5kg	407mm	85mm	93mm	135mm
ZHZJ-103	1.35m	7.9kg	407mm	105mm	113mm	155mm

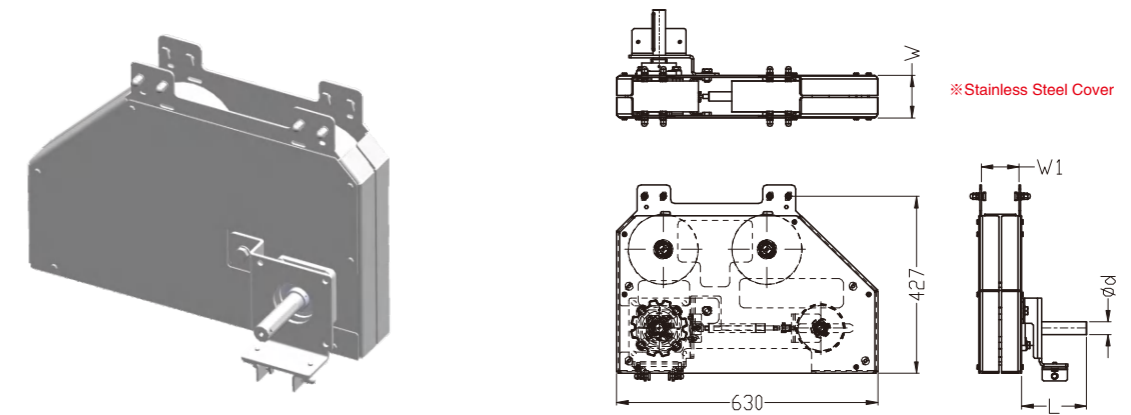


Mid-section under carriage device

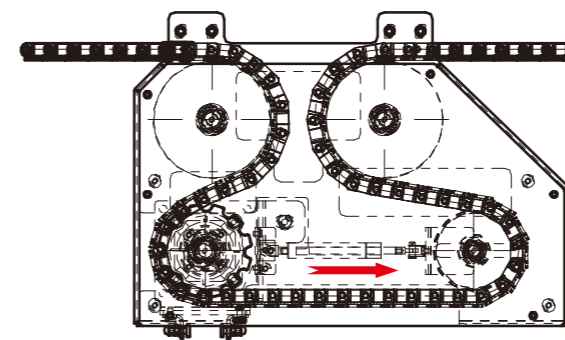
The middle-mounted drive device can be installed anywhere on the conveying device. Moreover, its unique automatic tensioning mechanism enables it to adapt to longer conveying distances. It is equipped with two tail sprocket devices, which is suitable for situations where the end space is limited. The outer shell of this device is made of stainless steel. It can be used in conjunction with standard aluminum conveying beams. Windows are opened on the underside of the corresponding beam to guide the entry and exit of the chains. At the lower end of the device, the automatic tensioning compression can be adjusted to facilitate the disassembly and connection of the chains.



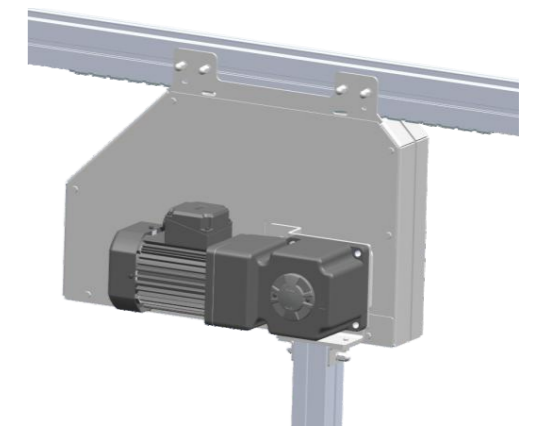
※torque arm, Shaft length and diameter can be optional, which should match with deceleration motor model.



※ Picture shows shaft output from right(motor locates right), match two sets of all in one tail sprocket

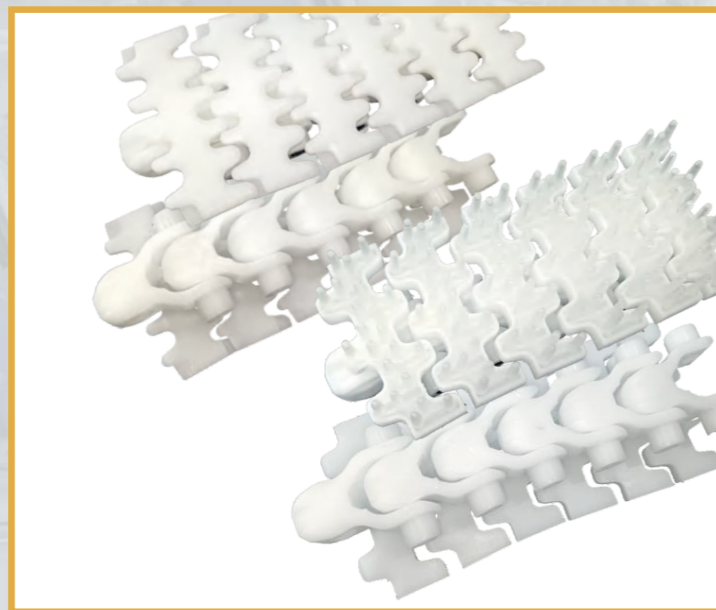


※ Chain path about 1.6 m.

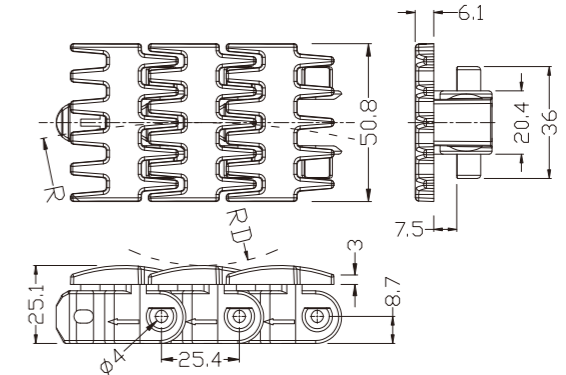


Category	Chain Width mm	Drive Tooth	Outer Width W(mm)	Inner Width W1 (mm)	Adaptive Conveyor Beam Width mm	Note
ZLER63X	63	16	83	71	65	Due to the 4mm gap set on both sides of the width of the shell and the width of the chain plate, flat washers need to be added during the installation of the matching conveying beam to compensate for the difference.
ZMER83X	83	12	103	91	85	
ZHER103X	103	12	123	111	105	

Other types of conveyor chains

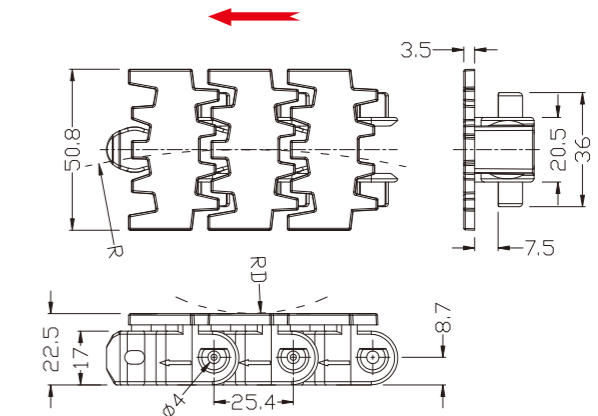


ZE50 Tobacco Chain



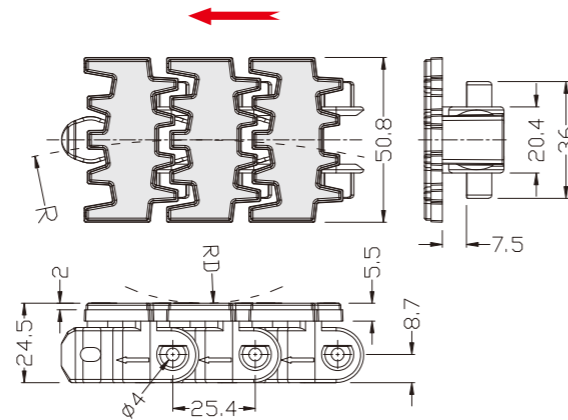
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE50.8	50.8	0.79	R300	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	It is mainly applied in the tobacco manufacturing industry.	
25.4	4	SUS	RD70		

ZE50 Tooth Chain



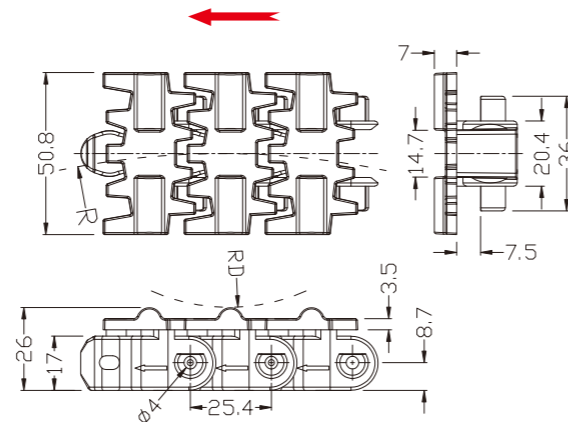
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE50	50.8	0.65	R160	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	Note: Primarily suitable for the transportation of various foods, beverages and various items. Material: POM, color: white, operating temperature range: -30°C to +90°C.	
	4	SUS	RD70		

ZE50 Tooth Chain Guide



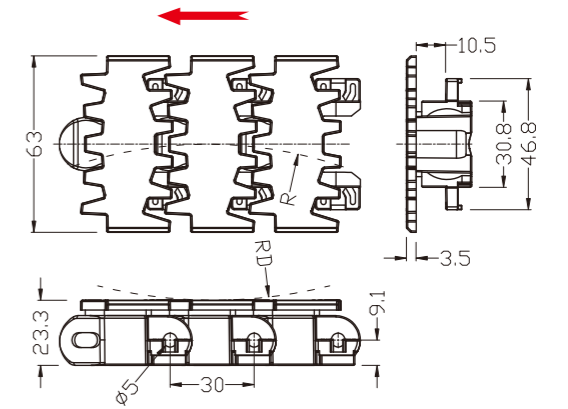
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE50.8FH	50.8	0.65	R160	POM+TPU/TPE	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	Used for transporting items on an inclined conveyor line, the surface is coated with wear-resistant and anti-slip soft rubber, making it durable.	
25.4	4	SUS	RD70		

ZE50-1 Tooth Chain



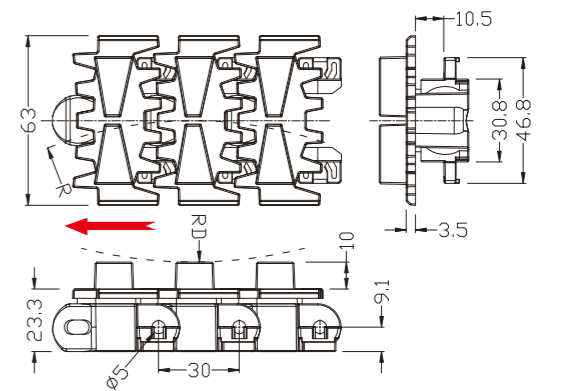
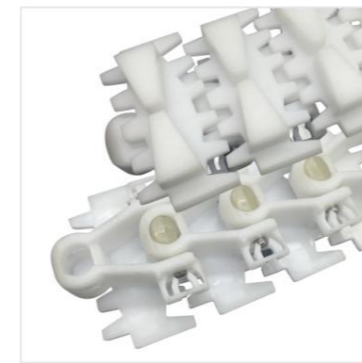
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE50	50.8	0.8	R160	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	It is mainly applicable for the transportation of food, beverages and various items. The special design of the pin installation makes the installation and disassembly process convenient, safe and reliable.	
25.4	4	SUS	RD70		

ZE63-P30 Tooth Chain



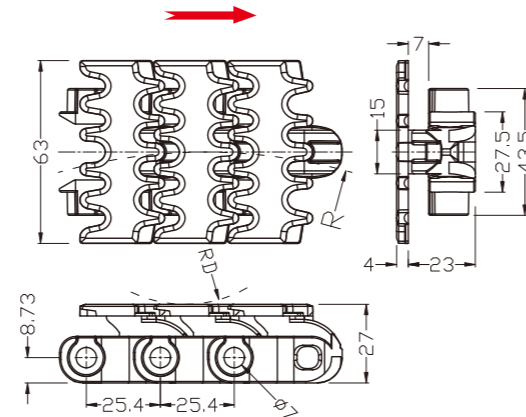
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE63-P30	63	0.96	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	It is mainly applicable for the transportation of food, beverages and various items. The special design of the pin installation makes the installation and disassembly process convenient, safe and reliable.	
30	5	SUS	RD170		

ZE63-P30-2 Tooth Chain with block



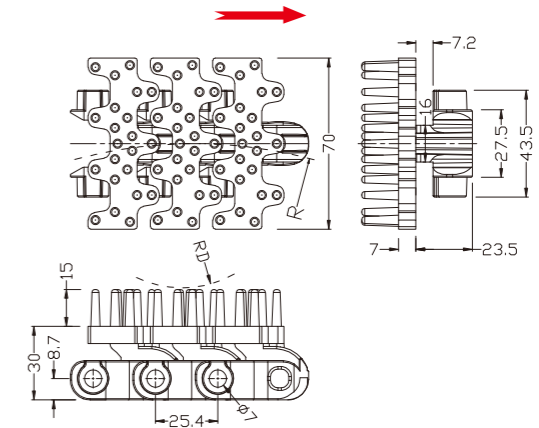
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE63-P30-2	63	1.3	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	It is mainly applicable for the transportation of food, beverages and various items. The special design of the pin installation makes the installation and disassembly process convenient, safe and reliable.	
30	5	SUS	RD160		

ZE63 Round Teeth Tooth Chain



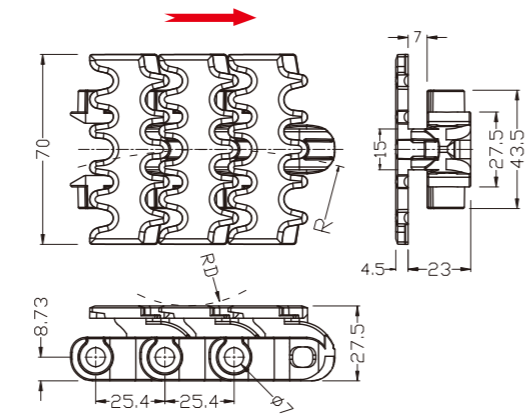
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE63YC	63	1.15	R185	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, gears, liquefied gas cylinders, medium-sized bearings, pistons, products such as yogurt, dry batteries, plastic bottles, dairy containers, coffee and tea boxes, etc.	
	25.4	7.0	SUS	RD75	

ZE70D Elastic Pin Tooth Chain



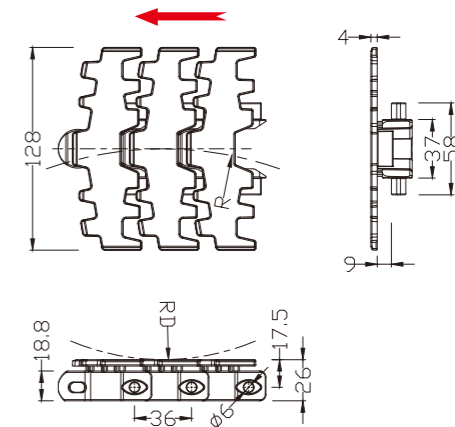
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE70D	70	1.5	R150	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. It is suitable for transporting products such as glass plastic bottles, soda cans, and cardboard boxes.	
	25.4	7	SUS	RD170	

ZE70 Tooth Chain



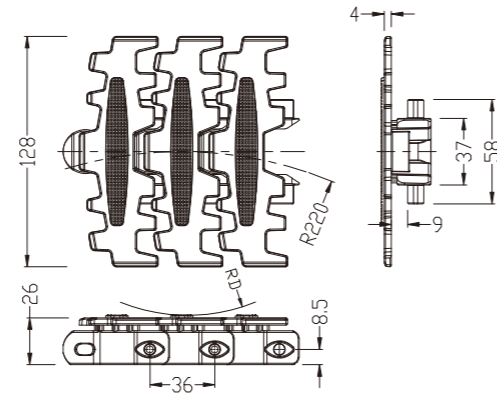
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE70YC	70	1.20	R200	POM	2100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, gears, liquefied gas cylinders, medium-sized bearings, pistons, products such as yogurt, dry batteries, plastic bottles, dairy containers, coffee and tea boxes, etc.	
	25.4	7.0	SUS	RD75	

ZE128 Tooth Chain



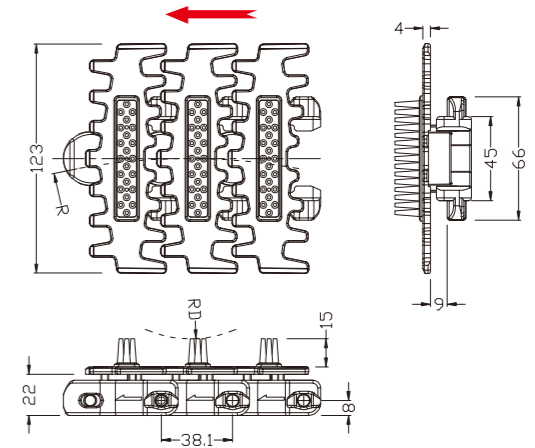
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE128	128	1.5	R220	POM	3100
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, gears, liquefied gas cylinders, medium-sized bearings, pistons, products such as yogurt, dry batteries, plastic bottles, dairy containers, coffee and tea boxes, etc.	
	36	6	SUS	RD150	

ZE128D Chain Guide



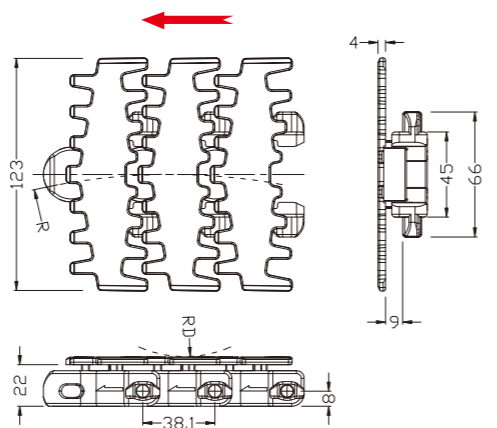
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE128D	128	1.55	R220	POM+TPU	3300
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, dairy product boxes, paint cans and socks, etc.	
26	6	SUS	RD130		

ZE123RS Gripper Chain



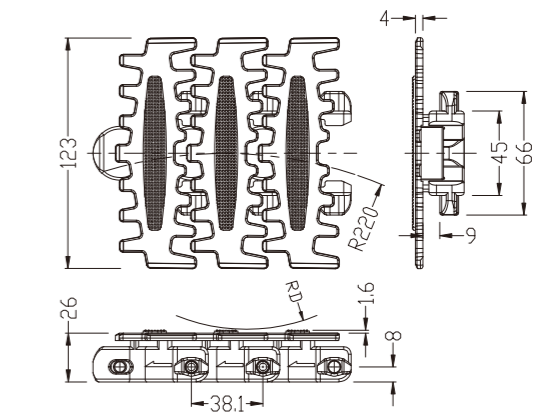
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE123RS	123	1.65	R200	POM+TPU	3500
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The elastic chain is used for vertical transmission in the vertical lateral transfer device. It is suitable for transporting products such as glass plastic bottles, soda cans, and cardboard boxes. Two sets of transmission with elastic chains are installed facing each other to form a vertical lateral transfer device.	
38.1	6	SUS	RD55		

Ze123 Tooth Chain



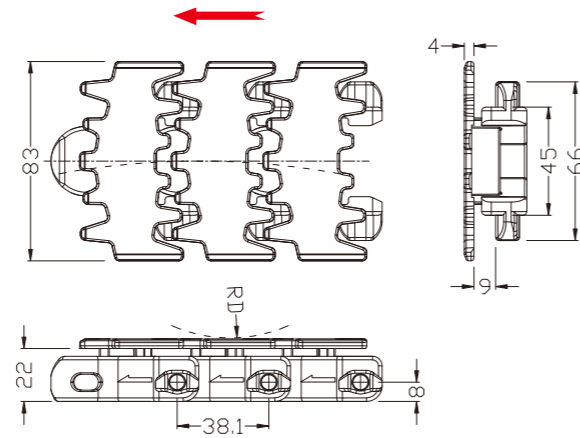
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
Ze123 Tooth Chain	123	1.52	R200	POM	3500
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, dairy product boxes, paint cans and socks, etc.	
38.1	6	SUS	RD70		

ZE123D Chain Guide



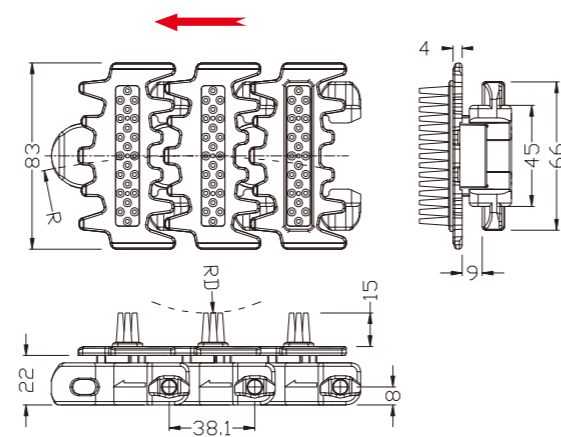
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21°C)
ZE123D	123	1.53	R200	POM+TPU	3500
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, dairy product boxes, paint cans and socks, etc.	
38.1	6	SUS	RD70		

ZE83R Tooth Chain



Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21℃)
ZE83R	83	1.25	R200	POM	3500
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The application scope is wide. For example, ball valves, water meters, pie boxes, beverage cans, yogurt, dry batteries, plastic bottles, dairy product boxes, paint cans and socks, etc.	
38.1	6	SUS	RD70		

ZE83RS Gripper Chain



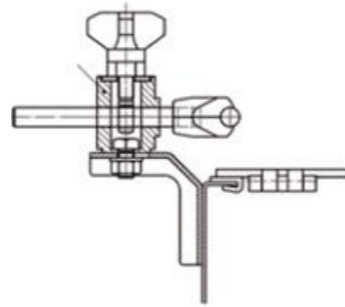
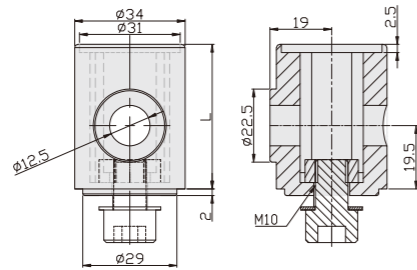
Chain Model	Chain Width W	Weight	Minimum Side Flex Radius	Material	Working load
	mm	(kg/m)	mm		N(21℃)
ZE83RS	83	1.45	R200	POM+TPU	3500
Pitch(mm)	Pin diameter(mm)	Pin material Back	Flex Radius(min)mm	The elastic column chain is used for vertical transmission in the vertical lateral transfer device. It is suitable for transporting products such as glass plastic bottles, soda cans, and cardboard boxes. Two sets of transmission with elastic column chains are installed facing each other to form a vertical lateral transfer device.	
38.1	6	SUS	RD55		

Guide Rail Component



Adjust the head assembly

PJ1015

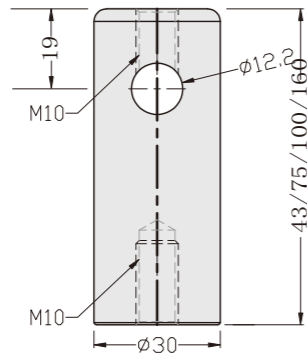


SPEC	Material	L (mm)	Dead Weight(g)
PJ1015-1	Strengthened nylon	44.5	52
PJ1015-2		62	62

Note: The hexagonal screws and nuts are made of stainless steel.

Metal fixation head

PJ1015-A

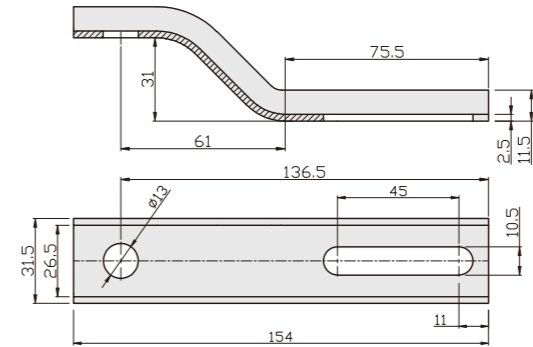


Item	SPEC	Material	Dead Weight(g)
Metal fixation head	PJ1015-A43	Stainless Steel	183
Metal fixation head	PJ1015-A75	Stainless Steel	360
Metal fixation head	PJ1015-A100	Stainless Steel	480
Metal fixation head	PJ1015-A160	Stainless Steel	833

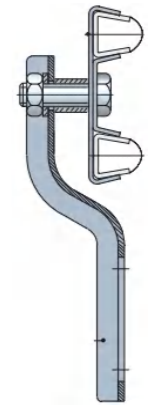


Sheet metal bracket

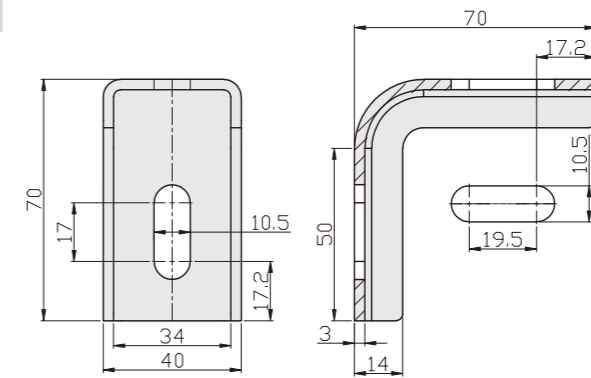
PJ0220



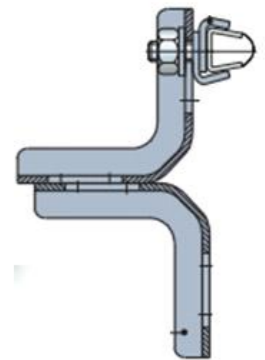
Item	Material	SPEC	Dead Weight(g)
S-shaped support structure	Austenitic stainless steel	PJ0220	0.17



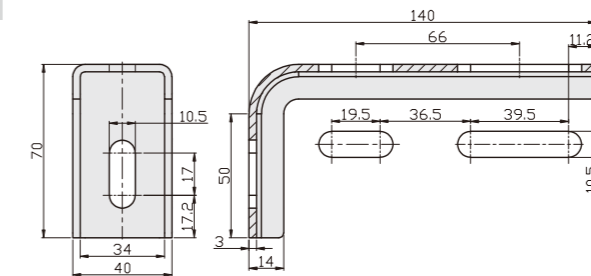
PJ0221



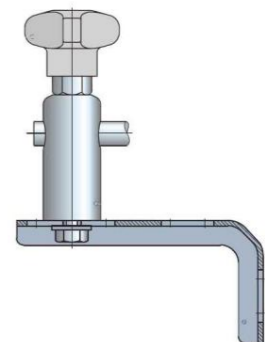
Item	Material	SPEC	Dead Weight(g)
Corner-type support	Austenitic stainless steel	PJ0221	0.15



PJ0222

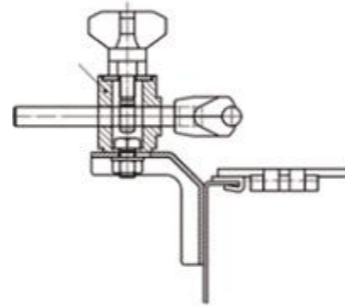
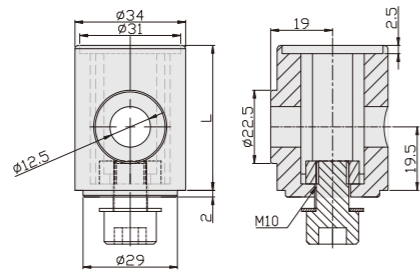


Item	Material	SPEC	Dead Weight(g)
7-shaped support structure	Austenitic stainless steel	PJ0222	0.23



Integrated rotating bracket

PJ1015

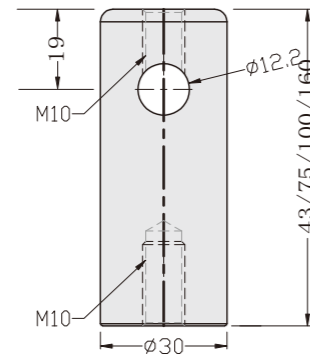


SPEC	Material	L (mm)	Dead Weight(g)
PJ1015-1	Strengthened nylon	44.5	52
PJ1015-2		62	62

Note: The hexagonal screws and nuts are made of stainless steel.

Metal fixation head

PJ1015-A

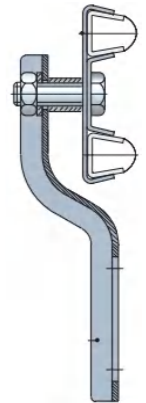
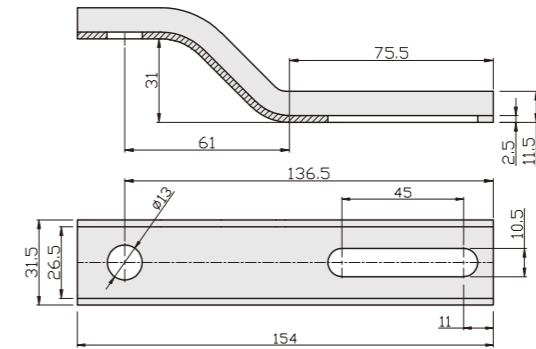


Item	SPEC	Material	Dead Weight(g)
Metal fixation head	PJ1015-A43	Stainless steel	183
Metal fixation head	PJ1015-A75	Stainless steel	360
Metal fixation head	PJ1015-A100	Stainless steel	480
Metal fixation head	PJ1015-A160	Stainless steel	833



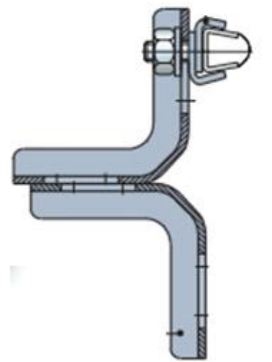
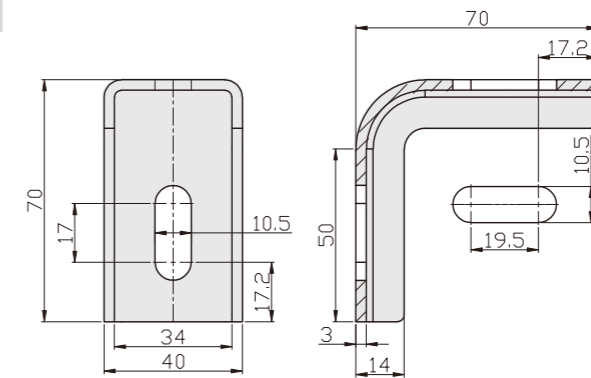
Sheet metal bracket

PJ0220



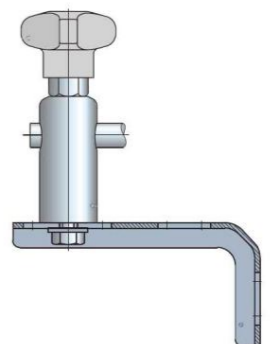
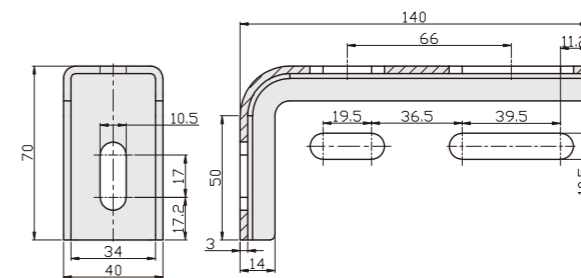
Item	Material	SPEC	Dead Weight(kg)
S-shaped support structure	Austenitic stainless steel	PJ0220	0.17

PJ0221



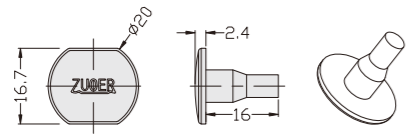
Item	Material	SPEC	Dead Weight(kg)
Corner-type support	Austenitic stainless steel	PJ0221	0.15

PJ0222



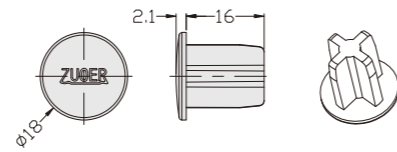
Item	Material	SPEC	Dead Weight(kg)
7-shaped support structure	Austenitic stainless steel	PJ0222	0.23

20 Flat Pipe Cap



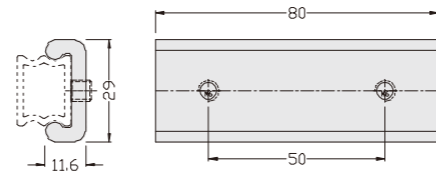
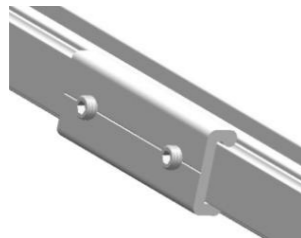
Code	Material	SPEC	Note
QJ17091-5	PA black	MOQ is 10 sets	

18 Round Pipe Cap



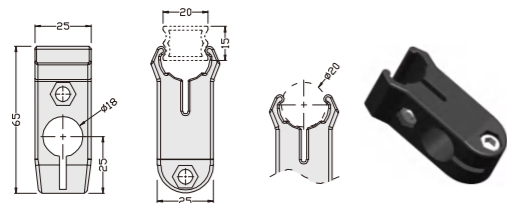
Code	Material	SPEC	Note
QJ17091-3	PA black	MOQ is 10 sets	

Connector



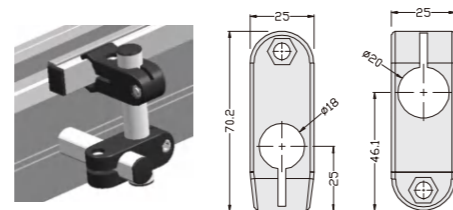
Code	Material	SPEC	Note
ZLRJ-80	Aluminum alloy	Minimum order quantity is 10 items	Attached are two M6 screws.

Guard Rail Clamp



Code	Material	SPEC	Note
QJ17091-1	PA black	Minimum order quantity is 10 items	Attached M6*16

Big Cross Clamp

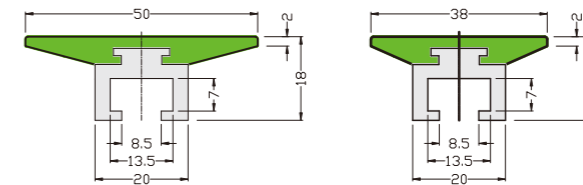
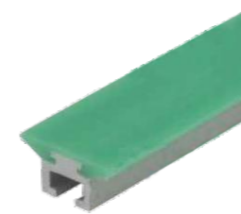


Code	Material	SPEC	Note
QJ17091-2	PA black	Minimum order quantity is 10 items	Attached M6*16



Small Aluminum Guard Rail

PJ0045



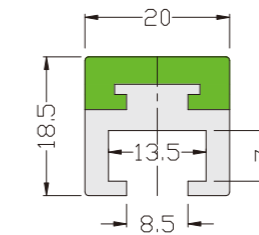
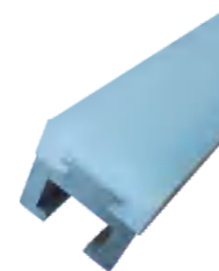
PJ0045-A

PJ0045-B

Rail material	Material	Code	SPEC	Dead Weight
Aluminum alloy profiles	3 meters per piece	PJ0045	Polyethylene polymer	0.65KG/M

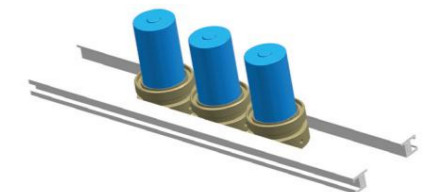
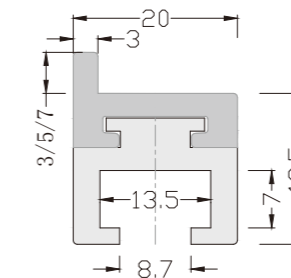
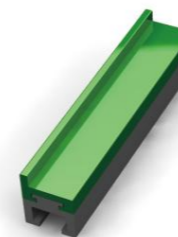


PJ0045-1



Rail material	Rail material	Code	SPEC	Dead Weight(g/m)
Small Aluminum Guard Rail	3 meters per piece	PJ0045-1	Polymer PE/aluminum rail	520

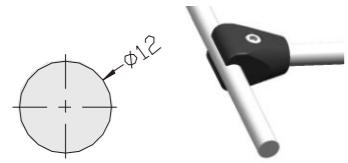
PJ0045-L



This guardrail is suitable for use in conjunction with battery production equipment in the new energy industry and cup holders.

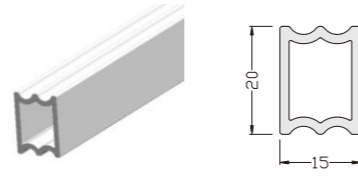
Rail material	Rail material	Code	SPEC	Dead Weight(g/m)	Color
Cup holder guardrail	3 meters per piece	PJ0045-L3	Polymer PE/aluminum rail	540	White/Green
Cup holder guardrail	3 meters per piece	PJ0045-L5	Polymer PE/aluminum rail	546	White/Green
Cup holder guardrail	3 meters per piece	PJ0045-L7	Polymer PE/aluminum rail	552	White/Green

12 Round Guide Rail



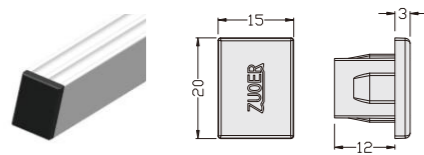
Code	Material	SPEC	Note
S-D12	SUS	3 meters per piece	

Guard Rail Frame



Code	Material	SPEC	Note
CT-15	Aluminum alloy	3 meters per piece	

End Plug



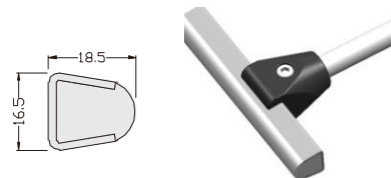
Code	Material	SPEC	Note
QJ17091-4	PA black	MOQ is 10 sets	

23 Protection Kit



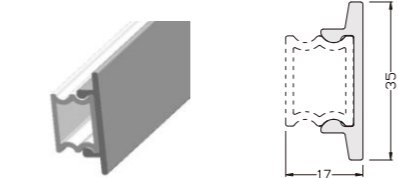
Code	Material	SPEC	Note
CT-23	UPE White	3 meters per piece	Colors can be customized

Round Cap Guide Rail Guard



Code	Material	SPEC	Note
PJ0048	PE White	3 meters per piece	SUS1.5 Thick

35 Protection Kit



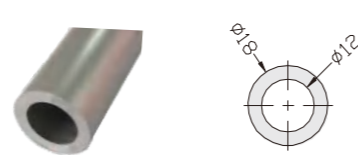
Code	Material	SPEC	Note
CT-35	UPE White	3 meters per piece	Colors can be customized

20 Rectangular Pipe



Code	Material	SPEC	Note
PS20-7	Aluminum alloy	On-demand cutting	One end with M6M internal thread

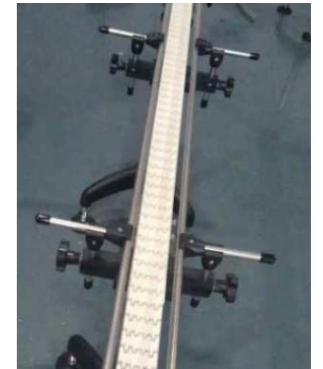
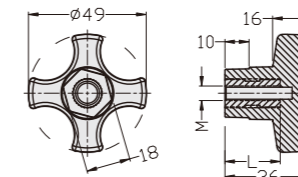
18 Round Pipe



Code	Material	SPEC	Note
PS18-12	Aluminum alloy	On-demand cutting	

Female Threaded Fitting

PJ0084

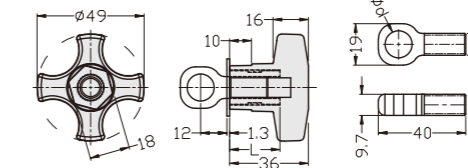


Material: Black nylon + brass threaded sleeve

Code	M	L (mm)	Dead Weight(g)	Note
PJ0084-M6	M6	20	30	
PJ0084-M8	M8	25	28	
PJ0084-M10	M10	20	26	

Female Threaded Fitting+Hanger Assembly

PJ0084A

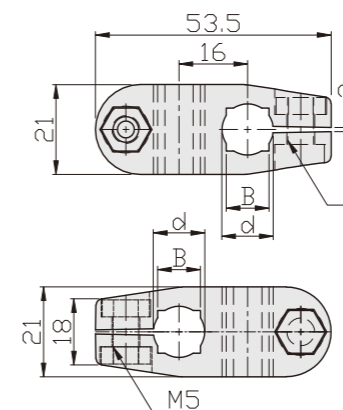


Black nylon + brass threaded sleeve + stainless steel hanger

Code	M	L (mm)	D (mm)	Dead Weight(g)	Note
PJ0084A-M6	M6	20	Ø12.2/Ø14.2	55	Customized parts
PJ0084A-M8	M8	25	Ø12.2/Ø14.2	53	
PJ0084A-M10	M10	20	Ø12.2/Ø14.2	51	Common parts

Cross Support Clamp

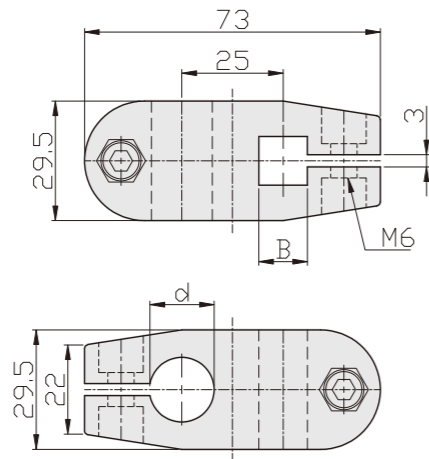
PJ0017-1



Code	Material	d (mm)	B (mm)	自重 (克)
PJ0017-11	Strengthened nylon	10	8	20
PJ0017-12		12	10	19
PJ0017-13		14	12	18

Note: The hexagonal screws and nuts are made of stainless steel.

PJ0017-3

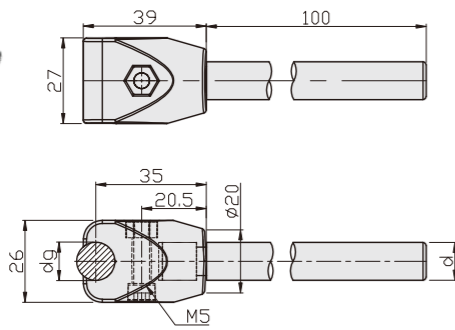


Code	B (mm)	d (mm)	Dead Weight(g)
PJ0017-31	12	14	75
PJ0017-32		15	72
PJ0017-33		16	71
PJ0017-34		18	70

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.

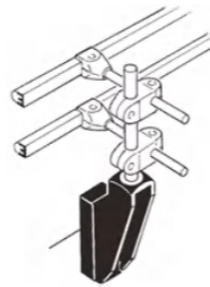
Circular single-track clamp

PJ0019-1



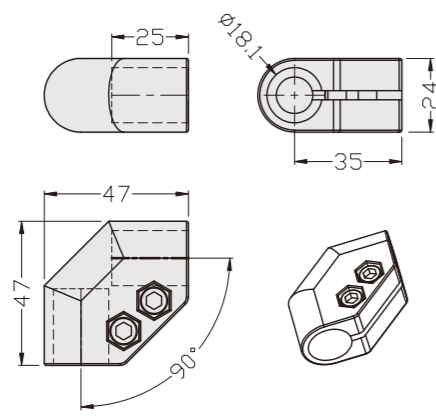
Code	d (mm)	d _g (mm)	Dead Weight(g)
PJ0019-11	12	12	120
PJ0019-12	14	12	150

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.



Degree pipe clamp

XLRX18C

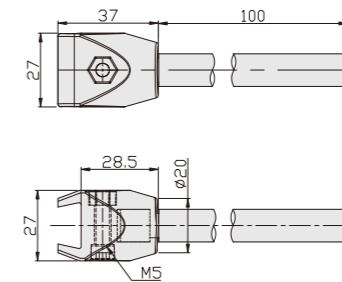


Code	Material	SPEC	Note
XLRX18C	Pa Black	MOQ is 10 sets	Attached M6*16



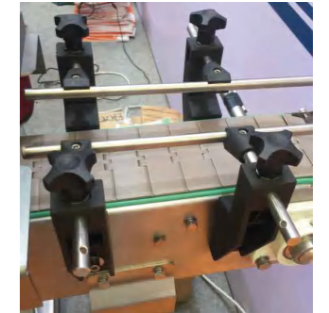
Square Single Rail Clamp

PJ0020



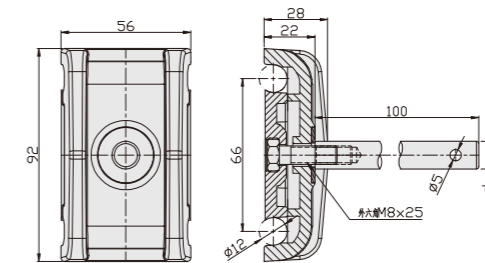
Code	d (mm)	Dead Weight(g)
PJ0020-1	12	120
PJ0020-2	14	150

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.



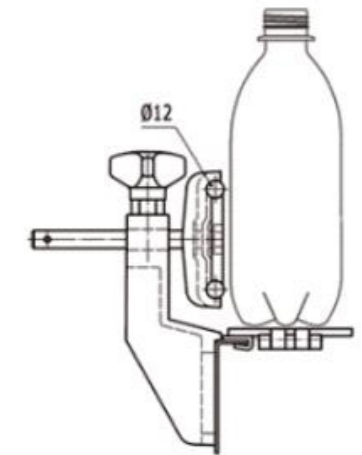
Round Double Rail Clamp

PJ0021-1

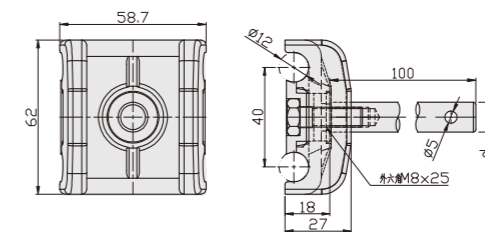


Code	d (mm)	Dead Weight(g)
PJ0021-11	12	180
PJ0021-12	14	210
PJ0021-13	16	250

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.



PJ0021-2



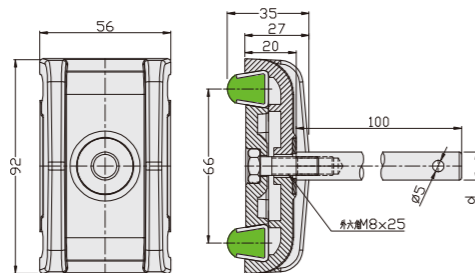
Code	d (mm)	Dead Weight(g)
PJ0021-21	12	150
PJ0021-22	14	180
PJ0021-23	16	220

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.



Square Double Rail Clamp

PJ0022-1

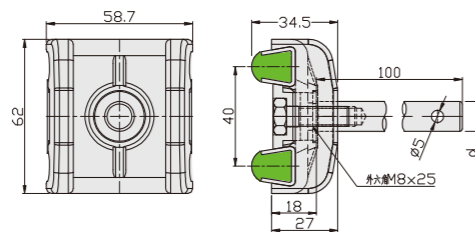


Code	Card	Dead Weight(g)
PJ0022-1	Square Double Rail Clamp	180

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.



PJ0022-2

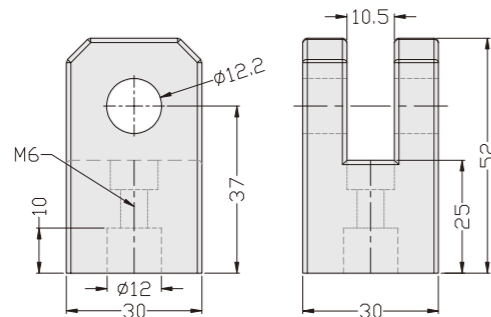


Code	Card	Dead Weight(g)
PJ0022-2	Square Double Rail Clamp	160

Note: The main material is reinforced nylon, and the hexagon screws and rods are made of stainless steel.

Cross Joint

PJ0034

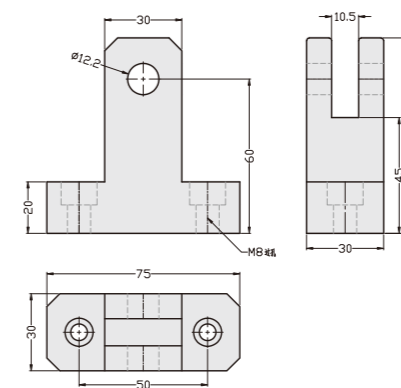


Code	Card	Color	Dead Weight(g)
PJ0034	PA	Black	36



Tee Joint

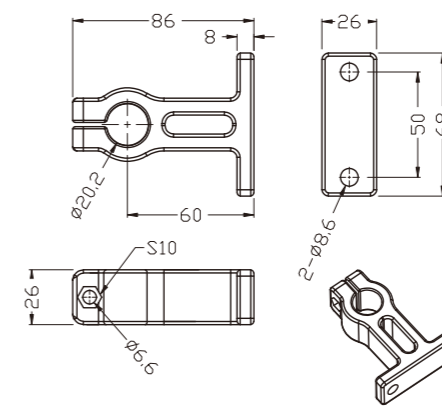
PJ0034-C



Code	Card	Color	Dead Weight(g)
PJ0034-C	PA	Black	75



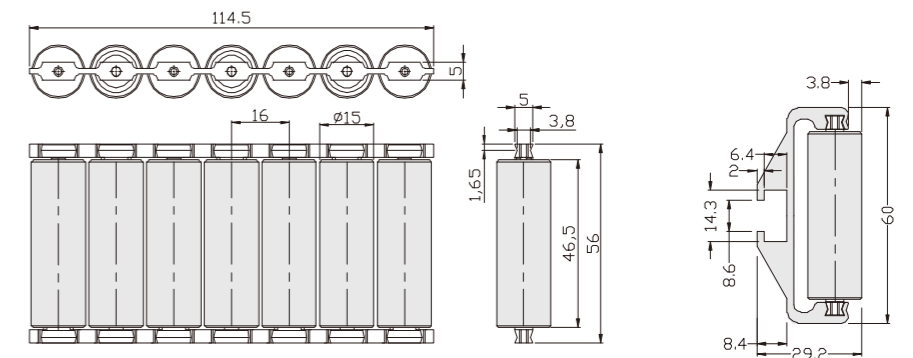
PJ0034-S



Code	Card	Color	Dead Weight(g)
PJ0034-S	ADC12	Gray	135

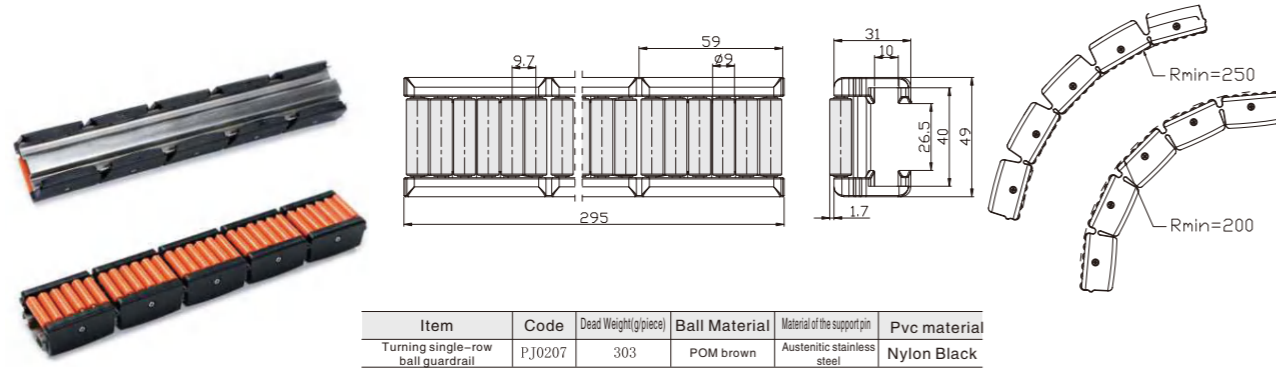


Single Row Guide Rail Assembly



Item	Code	Dead Weight(g)	Ball Material	Frame material
Ball Guardrail	PJ0212-1	57	POM	Nylon

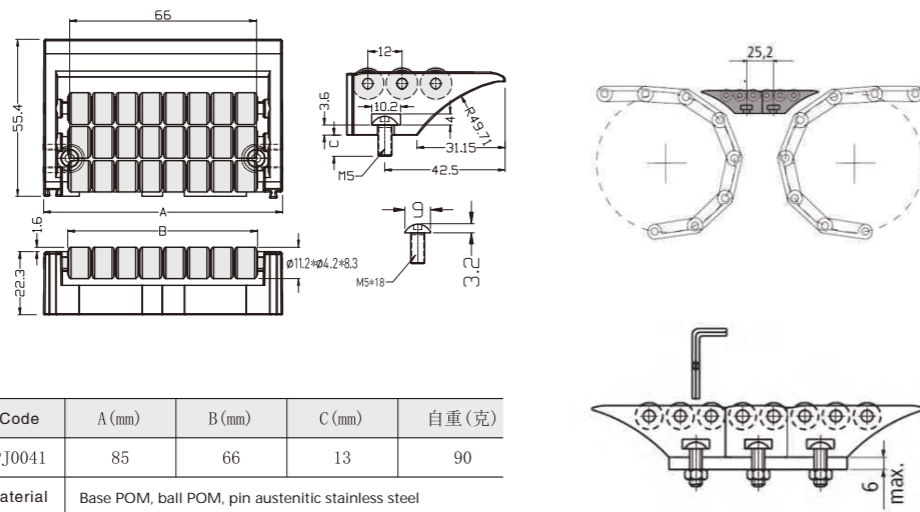
PJ0207 Ball Guardrail



Item	Code	Dead Weight(g/piece)	Ball Material	Material of the support pin	Pvc material
Turning single-row ball guardrail	PJ0207	303	POM brown	Austenitic stainless steel	Nylon Black

Ball Table

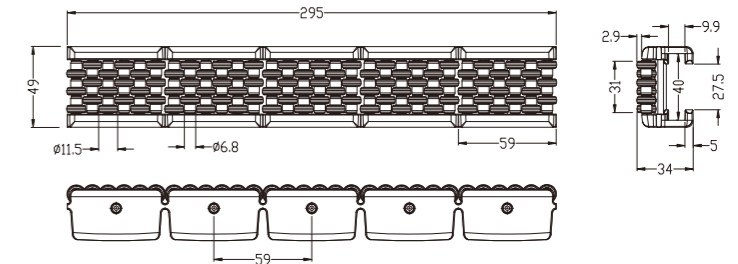
PJ0041



Code	A (mm)	B (mm)	C (mm)	自重 (克)
PJ0041	85	66	13	90
Material	Base POM, ball POM, pin austenitic stainless steel			

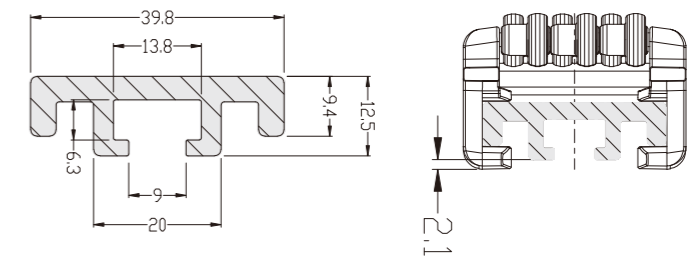
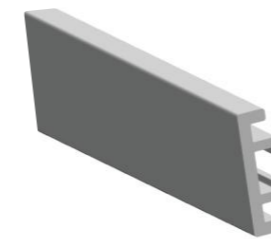


PJ0207FBall Guard



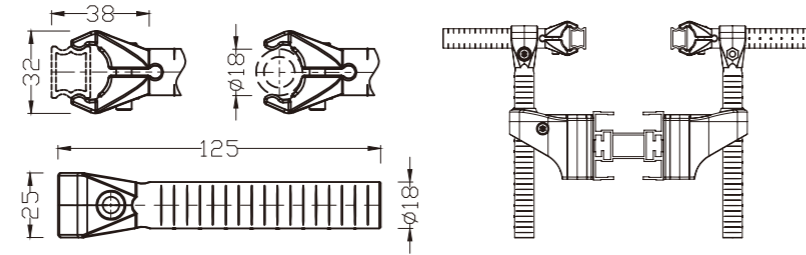
Item	Code	Dead Weight(g/piece)	Ball Material	Fastener material	Pvc material
Three-row rubber-coated ball guardrail	PJ0207F	320	PP white +TPE Gray	SUS304	Nylon Black

PJ0207 Frame



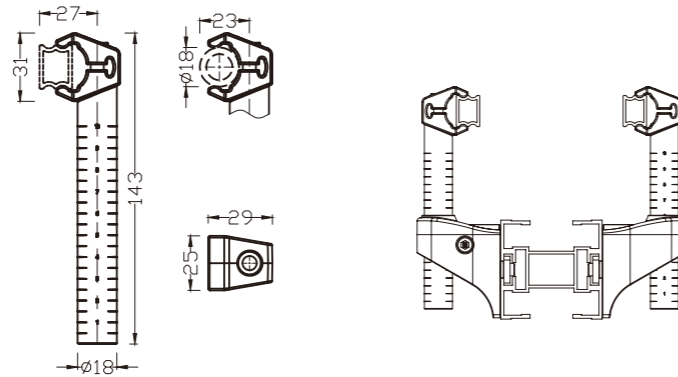
Item	Code	Dead Weight(g/piece)	Ball Material
Guard Rail Frame	PJ0207G	720	6063-T5

Horizontal Adjustable Guide Rail Guard Clamp



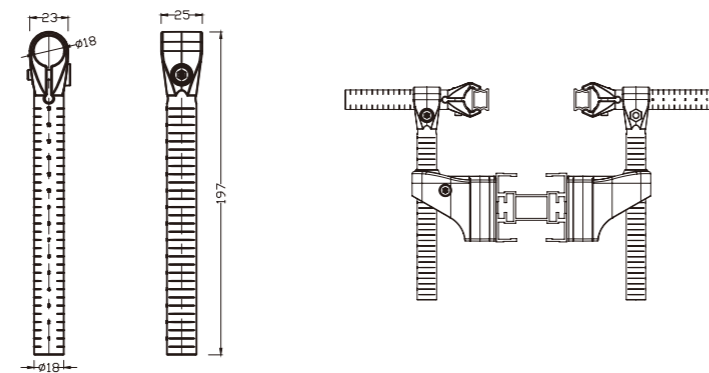
Code	Material	SPEC	Note
ZLRK-125	Nylon		AttachM6*20

Vertical Adjustable Guide Rail Guard Clamp



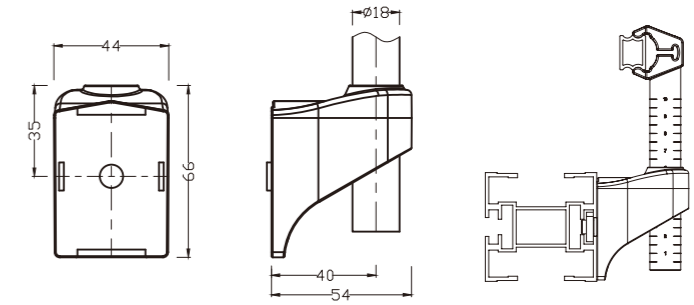
Code	Material	SPEC	Note
ZLRK-143	Nylon		AttachM6*20

Vertical Adjustment Bar



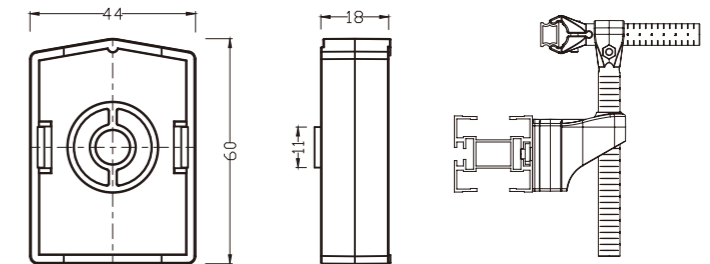
Code	Material	SPEC	Note
ZLRL	Nylon		AttachM6*20

Guard Rail Support Base



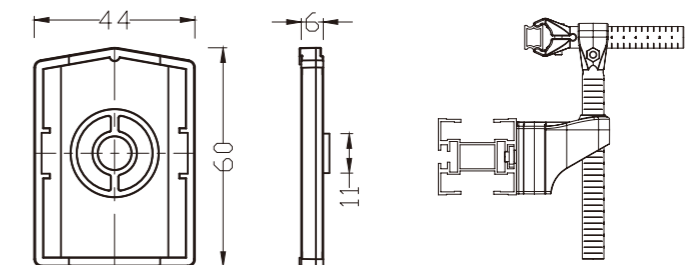
Code	Material	SPEC	Note
ZLRF	Nylon		

Spacer 18



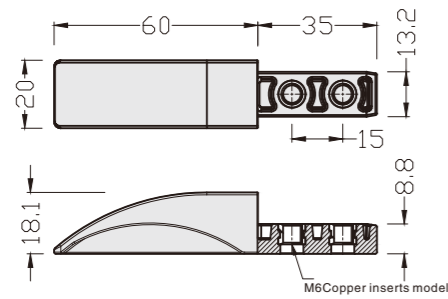
Code	Material	SPEC	Note
ZLRD-18	Nylon		

Spacer 6

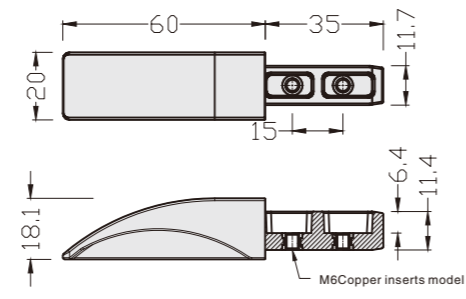


Code	Material	SPEC	Note
ZLRD-6	Nylon		

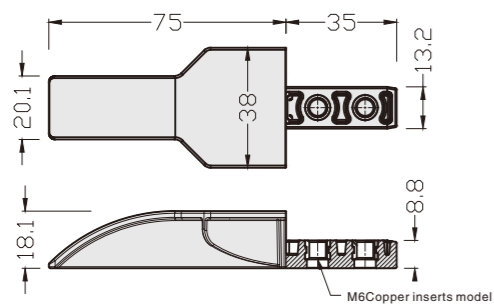
Guard Rail Joints



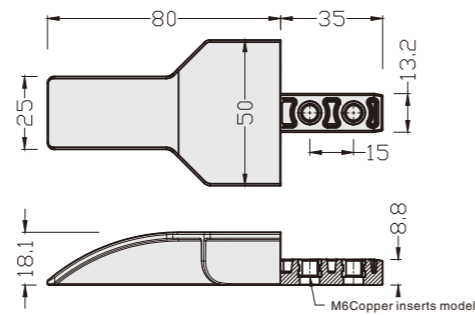
Model number: PJ0045-23X



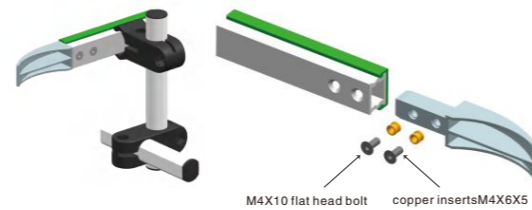
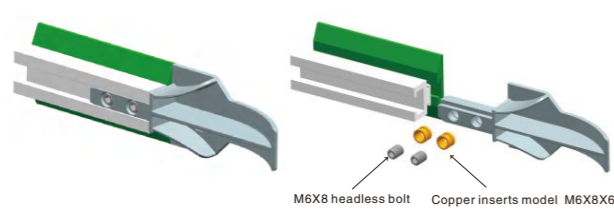
Model number: PJ0045-23X



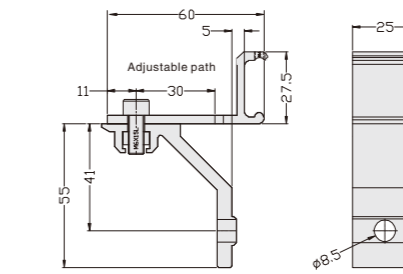
Model number: PJ0045-38X



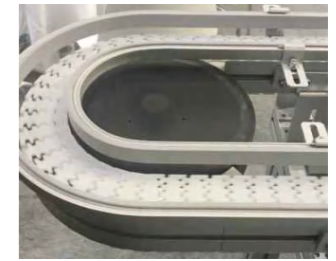
Model number: PJ0045-50X



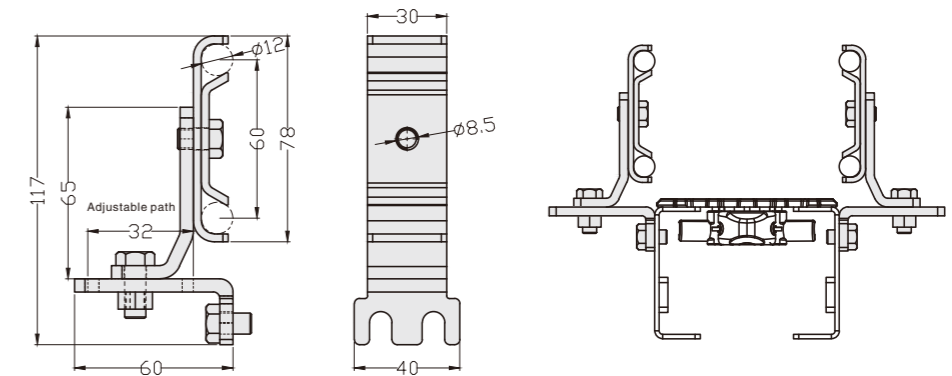
Adjustable Guard Rail Bracket Assembly



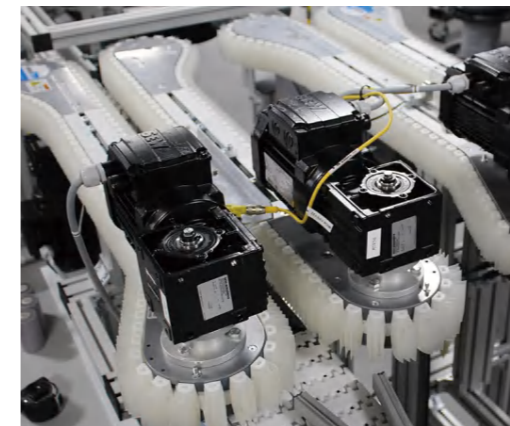
Code	Material	SPEC	Note
PJ3025	Aluminum alloy	MOQ is 10 sets	Attached M6*16



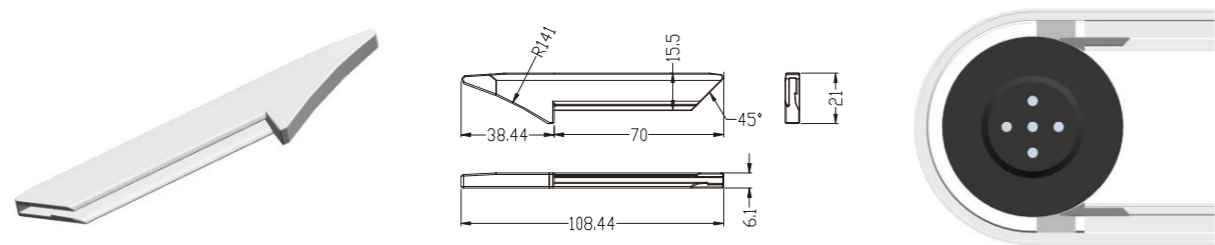
Adjustable Guard Rail Bracket Assembly



Code	Material	SPEC	Dead Weight	Note
PJ3230	SUS304	MOQ is 10 sets	307g	Attach M8 bolt



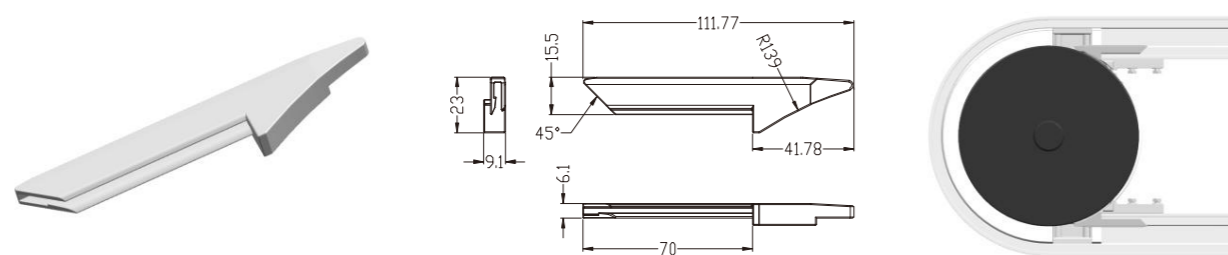
ZL63 disc drive connector



A set means left part+right part

Item	Material	Color	Dead Weight(g/piece)	Note
ZL63Disc Drive Connector	HDPE	Pure White	5.1	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

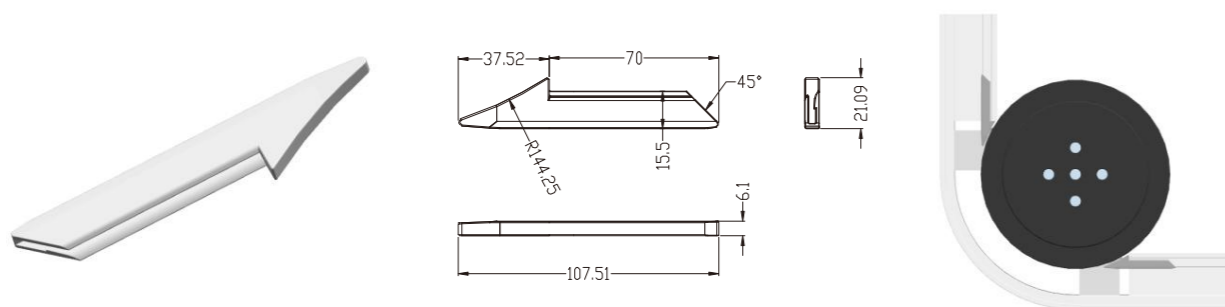
Z163 Sprocket bend connector



A set means left part+right part

Item	Material	Color	Dead Weight(g/piece)	Note
Zh103 Sprocket bend connector	HDPE	Pure White	5.5	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

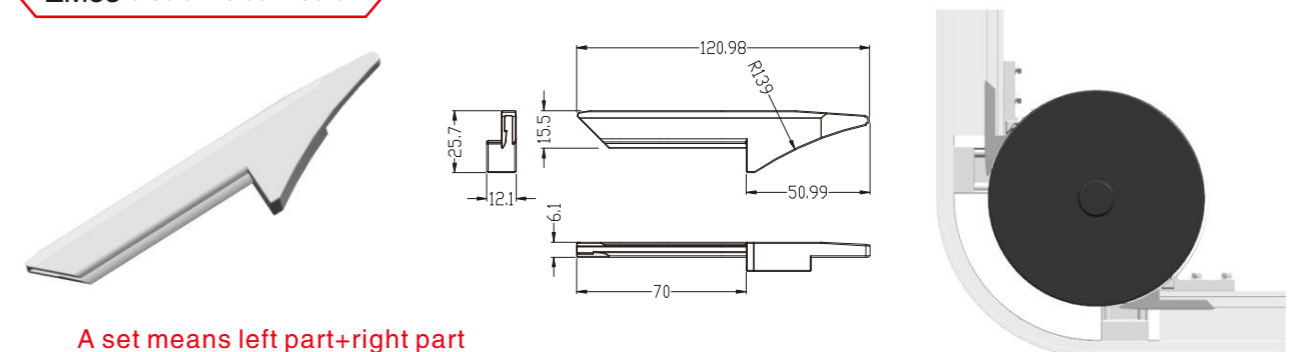
ZM83 disc drive connector



A set means left part+right part

Item	Material	Color	Dead Weight(g/piece)	Note
Zm83 Sprocket bend connector	HDPE	Pure White	5.0	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

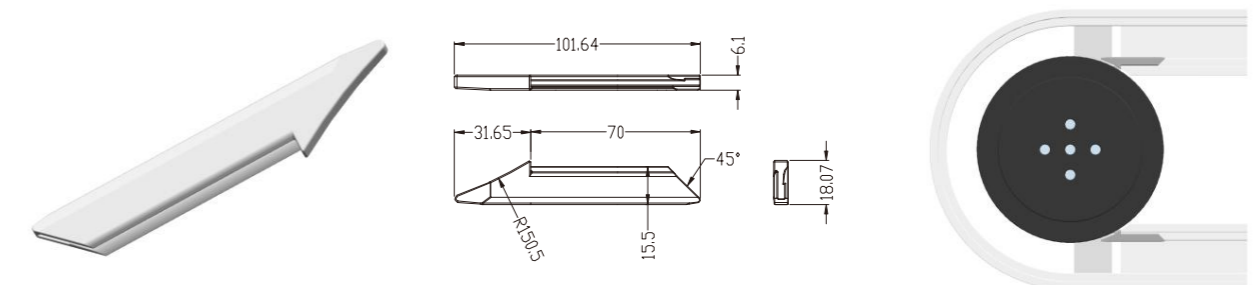
ZM83 disc drive connector



A set means left part+right part

Item	Material	Color	Dead Weight(g/piece)	Note
ZM83 disc drive connector	HDPE	Pure White	6.8	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

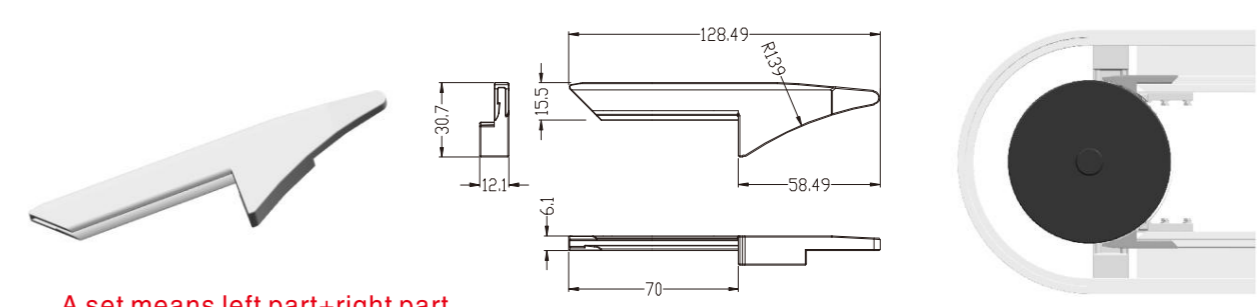
ZH 103 Sprocket bend connector



A set means left part+right part

Item	Material	Color	Dead Weight(g/piece)	Note
ZH 103 Sprocket bend connector	HDPE	Pure White	4.6	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

ZH 103 Sprocket bend connector



A set means left part+right part

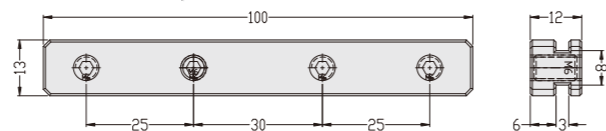
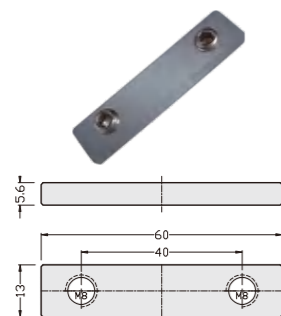
Item	Material	Color	Dead Weight(g/piece)	Note
ZH 103 Sprocket bend connector	HDPE	Pure White	8.0	Effectively fill the gaps between the disc and the profile, making the chain operation more smooth.

C-type Guard Rail Connecting Strip

C-type dual Guard Rail Connecting strip

PJ0044-L

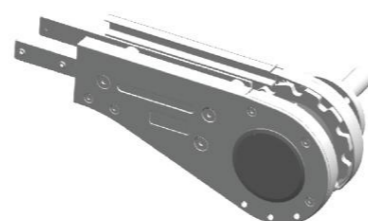
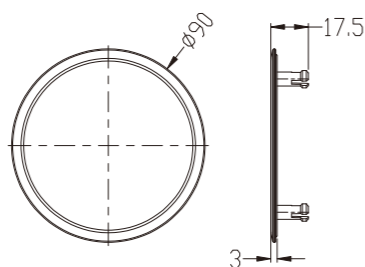
PJ0044-D



Item	Code	Material	Dead Weight(g)
Connection block	PJ0044-L	Galvanized Carbon Steel	31

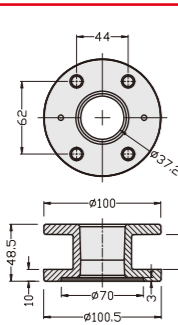
Item	Code	Material	Dead Weight(g)
Connection block	PJ0044-D	6063-T5	40

Drive Assembly Side Cover

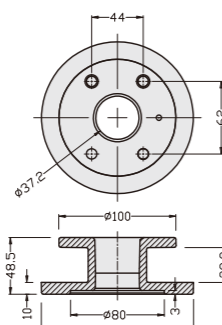


Item	Material	Color	Dead Weight(g/piece)	Adaptive Drive Assembly Model	Note
Drive Assembly Side Cover	PP	gray	10.6	ZL63/ZM83/ZH103	It is used in conjunction with the drive shaft to cover the side plate holes

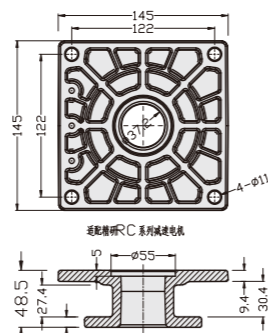
Flange



100Flange



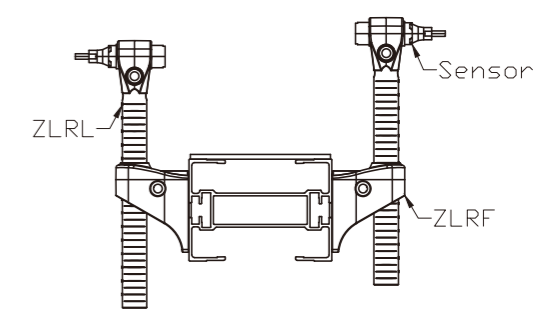
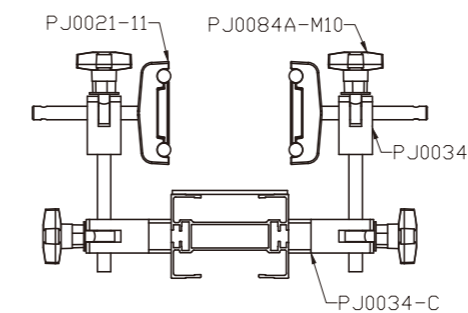
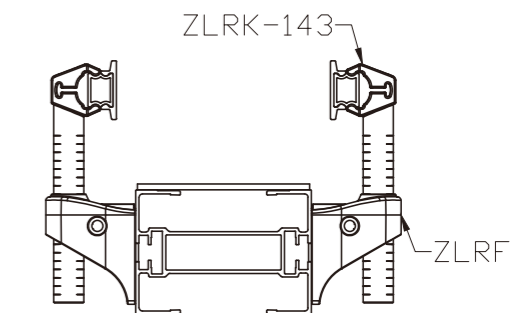
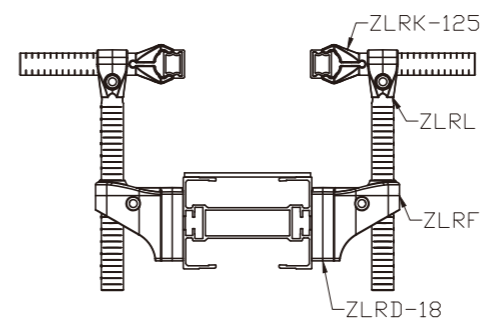
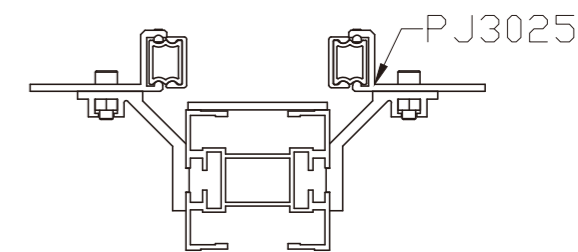
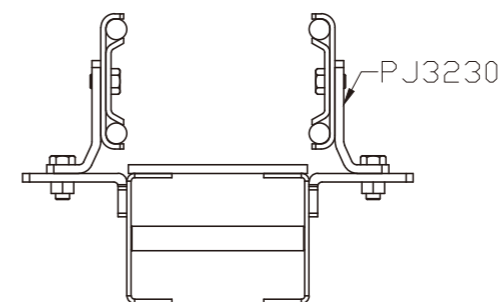
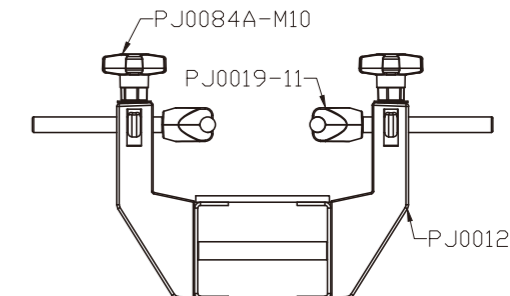
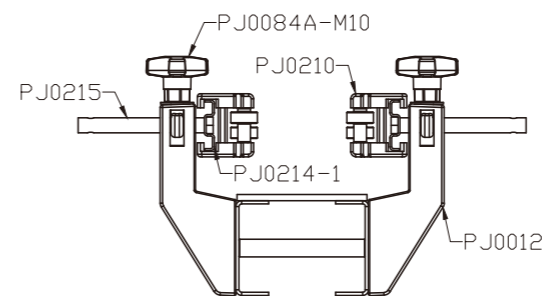
130Flange



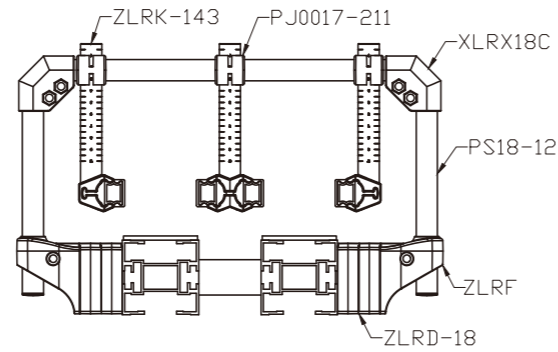
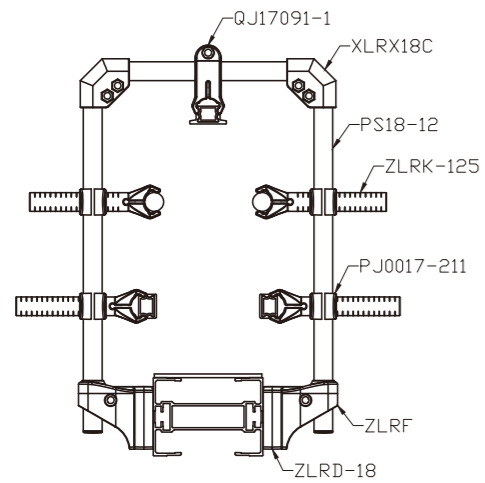
145Flange

Item	Adaptive Gear Motor	Reference Weight(g)	Material	Surface Treatment
100Flange	SA37/WA30/RV40/RV50	370	ADC12	Spray-painted gray
130Flange	SA47/RV63/RV75	510		
145Flange	RC Gear Motor(Jinyan)	640		

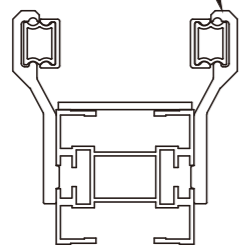
Guide Rail Installing Diagram



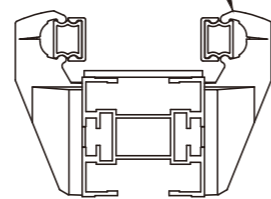
Guide Rail Installing Diagram



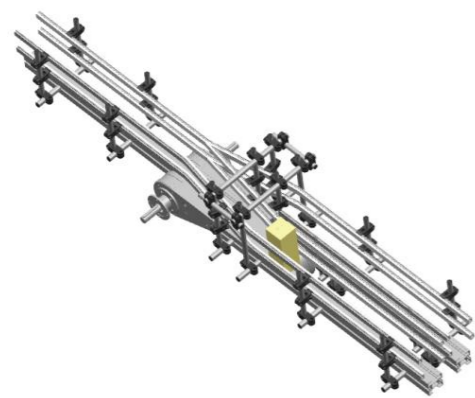
ZLRB-16X54



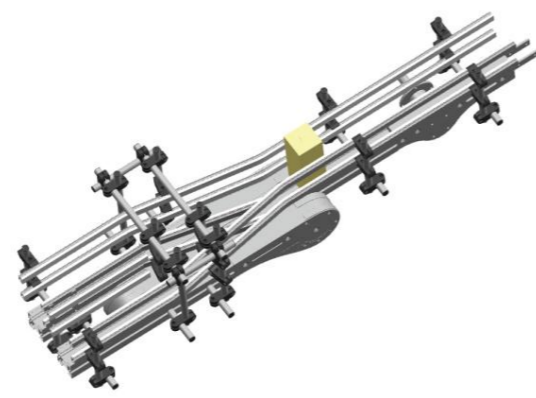
ZLRB-16X42C



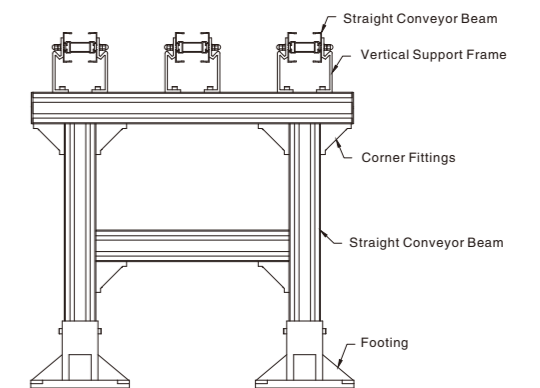
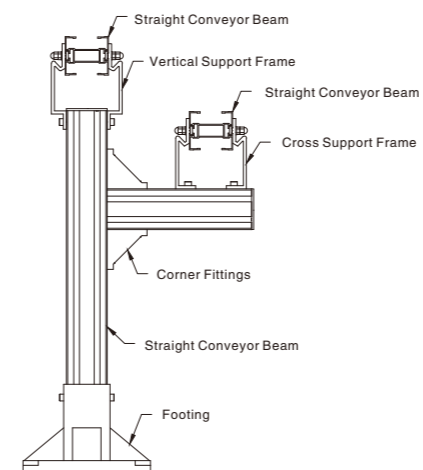
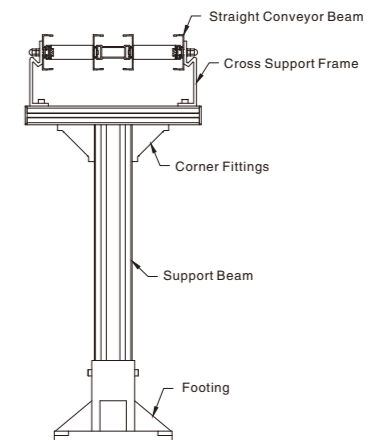
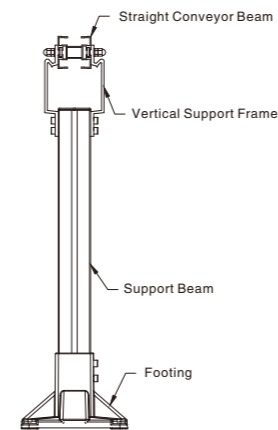
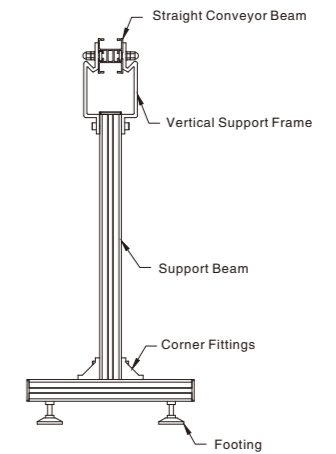
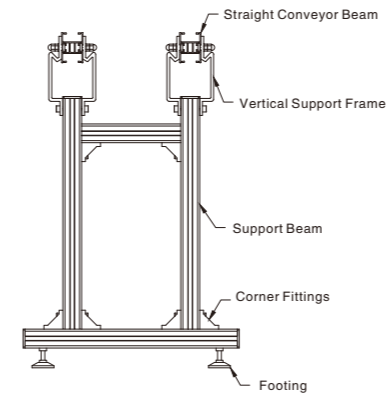
2-in 1 double layer guide rail



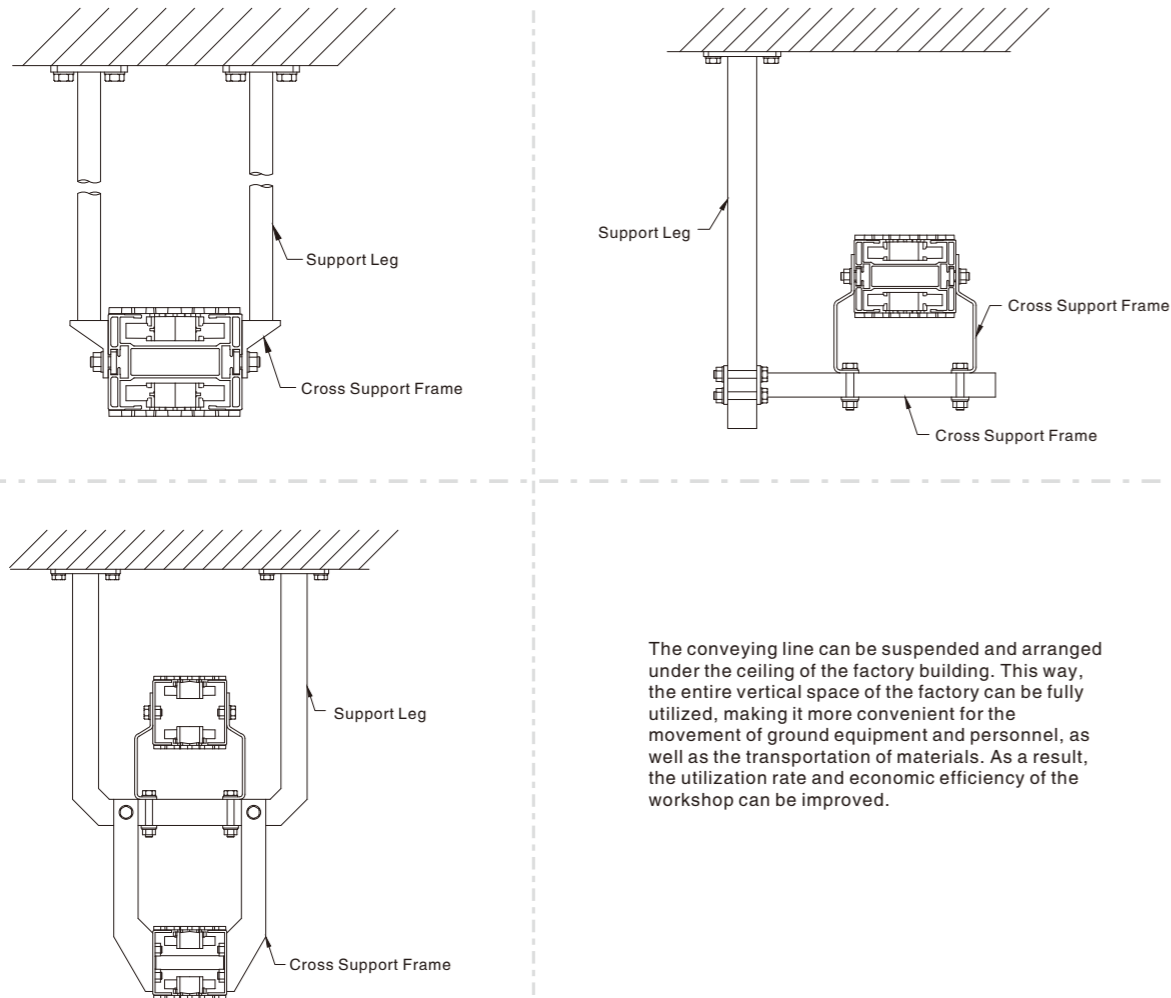
1-to 2 double layer guide rail



Support Structure Diagram



Lifting Structure Diagram

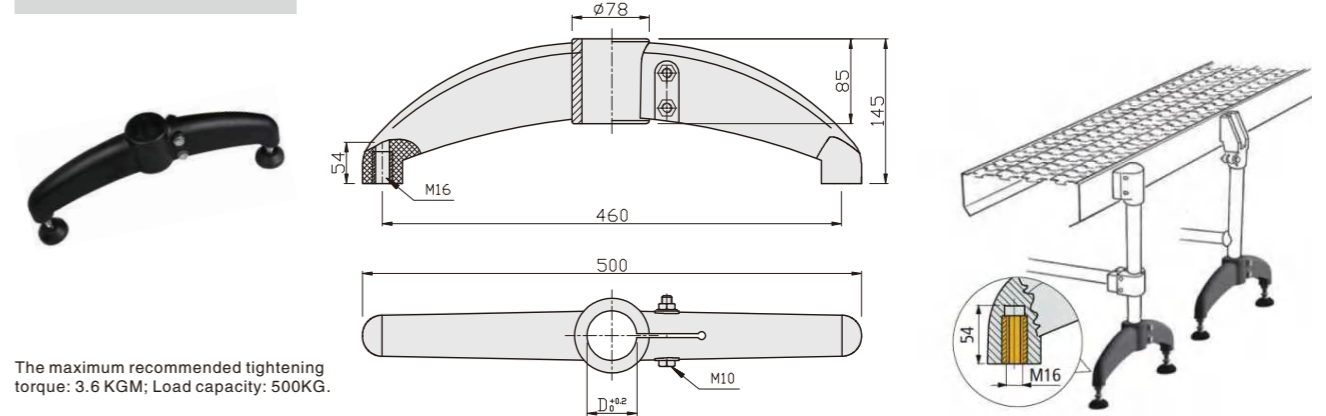


The conveying line can be suspended and arranged under the ceiling of the factory building. This way, the entire vertical space of the factory can be fully utilized, making it more convenient for the movement of ground equipment and personnel, as well as the transportation of materials. As a result, the utilization rate and economic efficiency of the workshop can be improved.



U-shaped Support Bracket

PJ0001

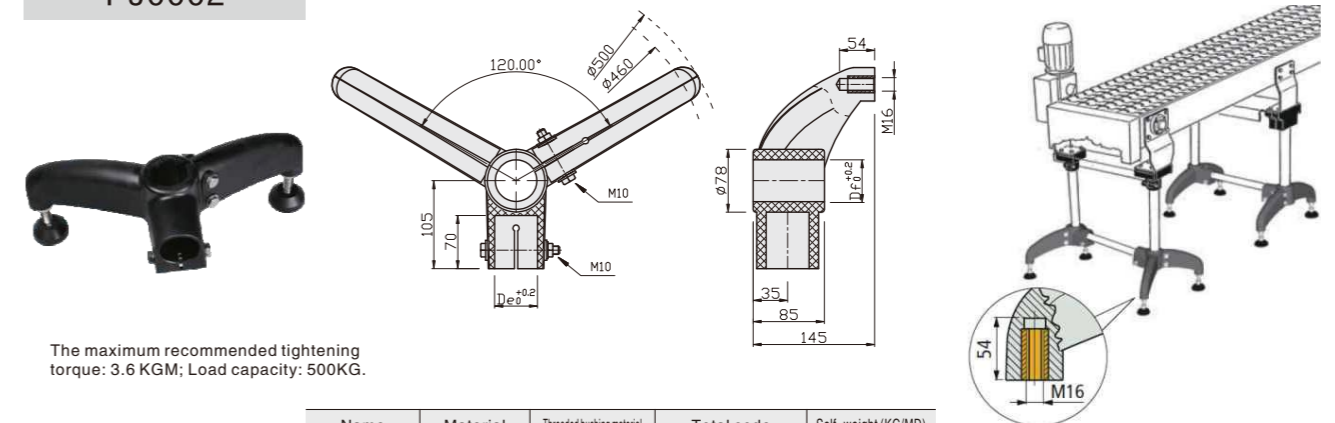


The maximum recommended tightening torque: 3.6 KGM; Load capacity: 500KG.

Name	Material	Threaded bushing material	Total code	Self-weight (KG/MD)	
Two-leg half support	Black nylon	Copper	PJ0001	0.92	
Sub-code	PJ0001-1	PJ0001-2	PJ0001-3	PJ0001-4	PJ0001-5
D (mm)	38.1	42.4	48.3	50.8	60.3

Braced L-shaped 120° Bracket

PJ0002

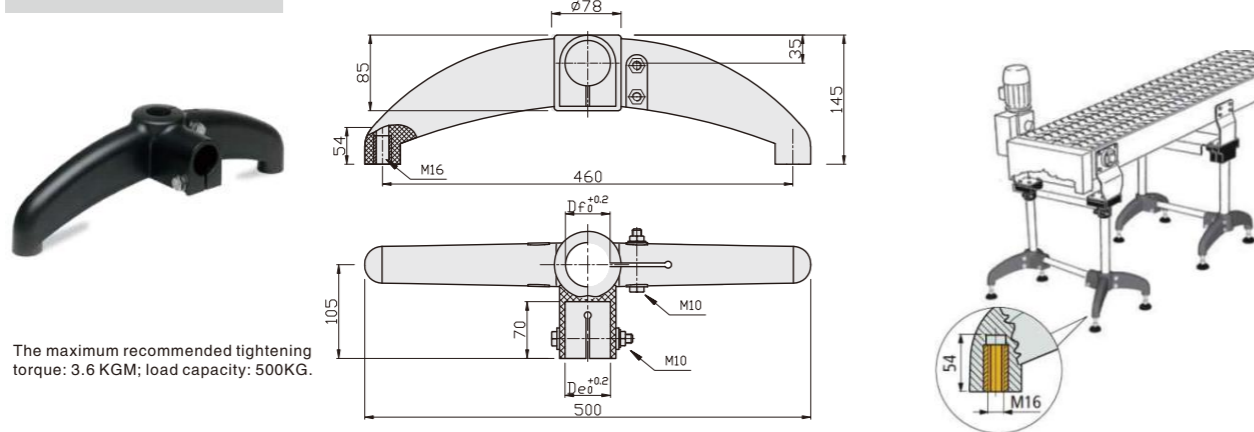


The maximum recommended tightening torque: 3.6 KGM; Load capacity: 500KG.

Name	Material	Threaded bushing material	Total code	Self-weight (KG/MD)	
Two-leg half support	Black nylon	Copper	PJ0002	1.05	
Sub-code	PJ0002-1	PJ0002-2	PJ0002-3	PJ0002-4	PJ0002-5
De (mm)	42.4	42.4	48.3	42.4	42.4
Df (mm)	42.4	48.3	48.3	50.8	60.3

Braced L-shaped 180° Bracket

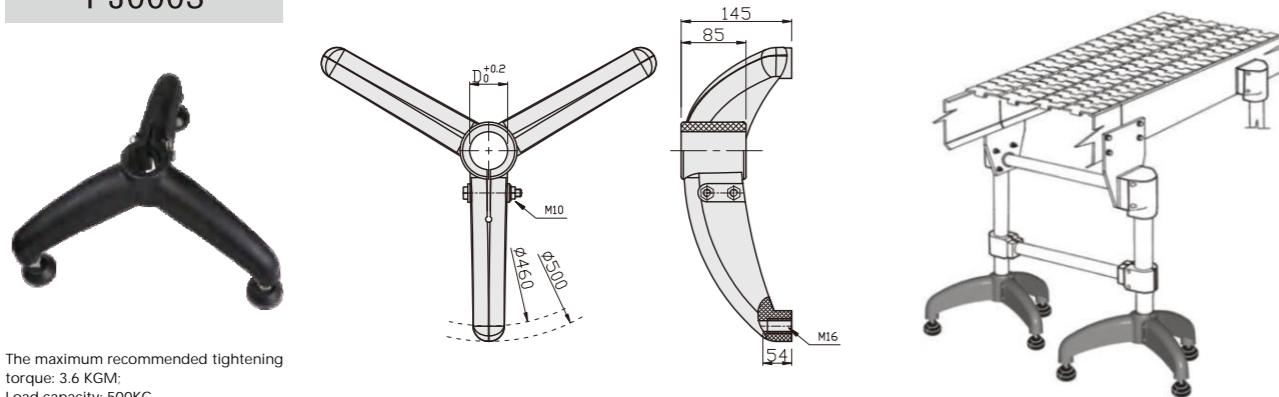
PJ0002-B



Name	Material	Threaded bushing material	Total code	Self-weight (KG/MD)	
Two-leg half support	Black nylon	Copper	PJ0002-B	1.02	
Sub-code	PJ0002-B1	PJ0002-B2	PJ0002-B3	PJ0002-B4	PJ0002-B5
De (mm)	42.4	42.4	48.3	42.4	42.4
Df (mm)	42.4	48.3	48.3	50.8	60.3

Tripod Support

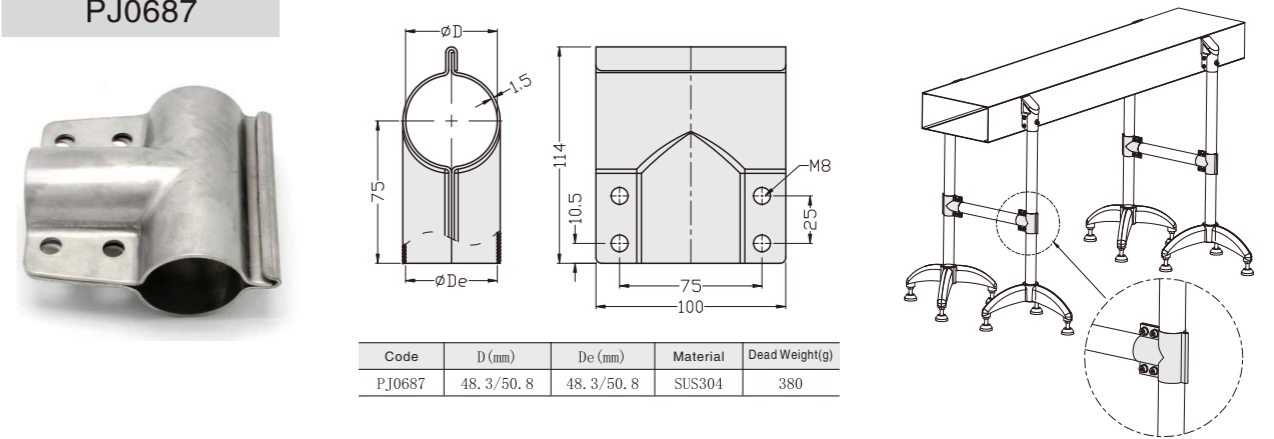
PJ0003



Name	Material	Threaded bushing material	Total code	Self-weight (KG/MD)	
Two-leg half support	Black nylon	Copper	PJ0003	1.40	
Sub-code	PJ0003-1	PJ0003-2	PJ0003-3	PJ0003-4	PJ0003-5
D (mm)	38.1	42.4	48.3	50.8	60.3

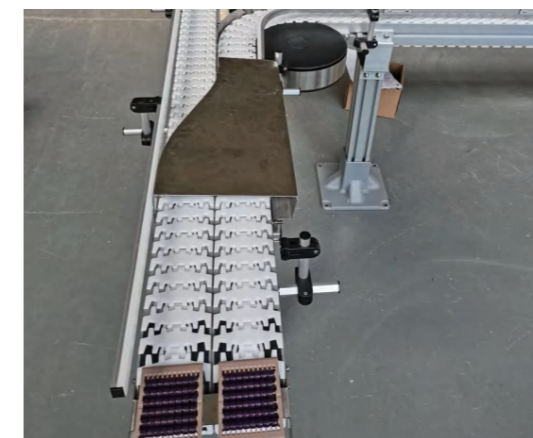
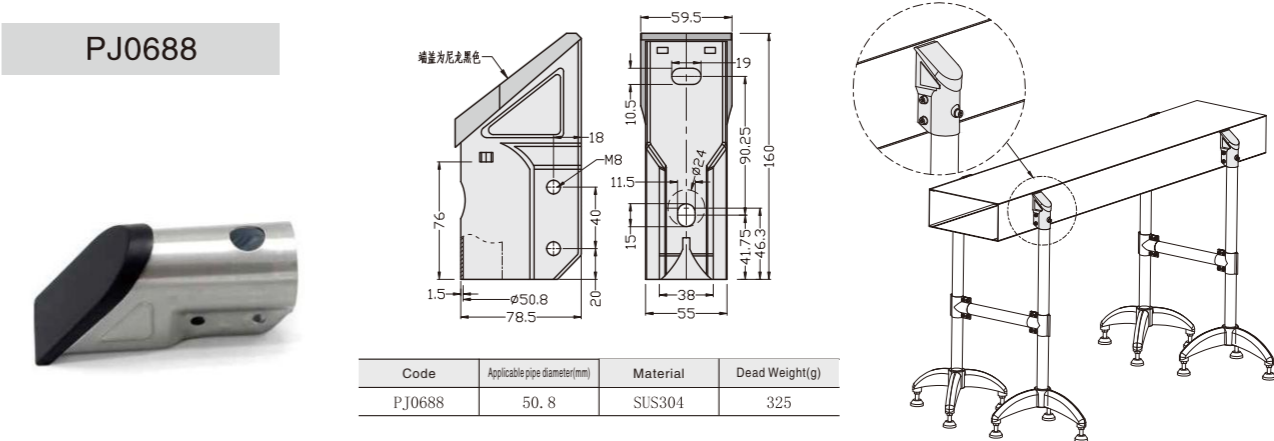
Combined Metal Tee

PJ0687



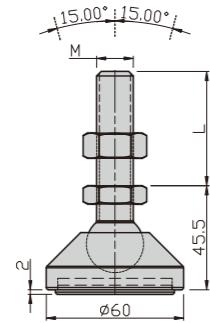
Metal Side Lock Assembly

PJ0688



Large ball head - Universal joint base foot

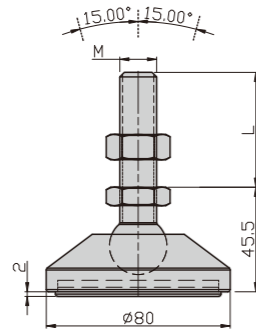
PJ0007-D60



Code	M	L (mm)	Dead Weight(kg)
PJ0007-D60-1	M16	75	0.23
PJ0007-D60-2		100	0.30
PJ0007-D60-3		150	0.36
PJ0007-D60-4	M20	100	0.4
PJ0007-D60-5		150	0.5

Footplate: Made of reinforced nylon with rubber pads. Screw: -C carbon steel with galvanized coating, -S stainless steel. Maximum load capacity: 1000KG.

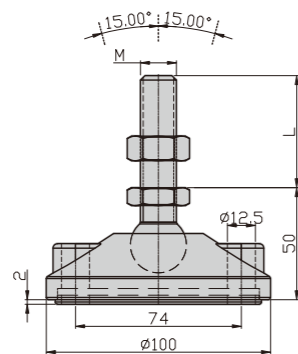
PJ0007-D80



Code	M	L (mm)	Dead Weight(kg)
PJ0007-D80-1	M16	75	0.26
PJ0007-D80-2		100	0.32
PJ0007-D80-3		150	0.39
PJ0007-D80-4	M20	100	0.42
PJ0007-D80-5		150	0.52
PJ0007-D80-6	M24	150	0.73

Footplate: Made of reinforced nylon with rubber pads. Screw: -C carbon steel with galvanized coating, -S stainless steel. Maximum load capacity: 1000KG.

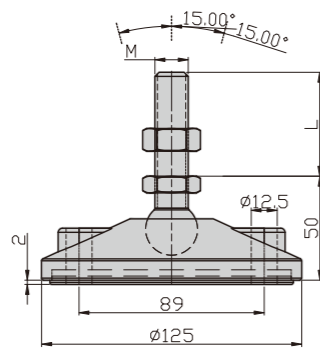
PJ0007-D100



Code	M	L (mm)	Dead Weight(kg)
PJ0007-D100-1	M16	75	0.33
PJ0007-D100-2		100	0.40
PJ0007-D100-3		150	0.46
PJ0007-D100-4	M20	100	0.50
PJ0007-D100-5		150	0.60
PJ0007-D100-6	M24	150	0.80

Footplate: Made of reinforced nylon with rubber pads. Screw: -C carbon steel with galvanized coating, -S stainless steel. Maximum load capacity: 1000KG.

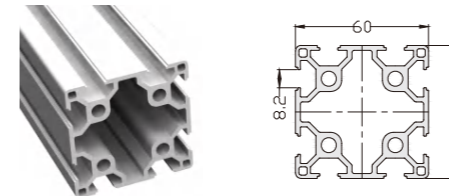
PJ0007-D125



Code	M	L (mm)	Dead Weight(kg)
PJ0007-D125-1	M16	75	0.36
PJ0007-D125-2		100	0.42
PJ0007-D125-3		150	0.50

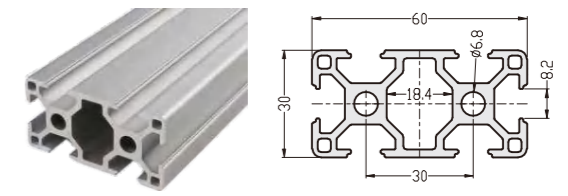
Footplate: Made of reinforced nylon with rubber pads. Screw: -C carbon steel with galvanized coating, -S stainless steel. Maximum load capacity: 1000KG.

60*60 Support Beam



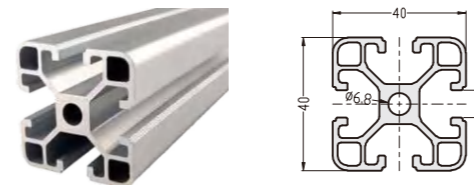
Code	Material	SPEC	Dead Weight
Z-60*60	6063-T5	3M/6M	2.55KG/M

30*60 Support Beam



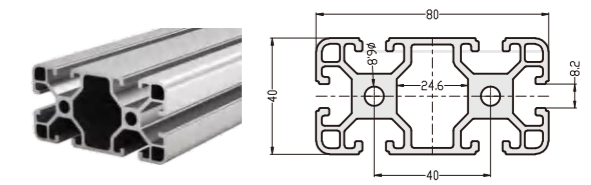
Code	Material	SPEC	Dead Weight
Z-30*60	6063-T5	3M/6M	1.62KG/M

40*40 Support Beam



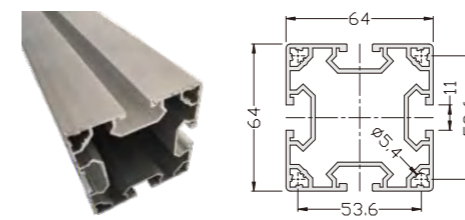
Code	Material	SPEC	Dead Weight
Z-40*40	6063-T5	3M/6M	1.3KG/M

40*80 Support Beam



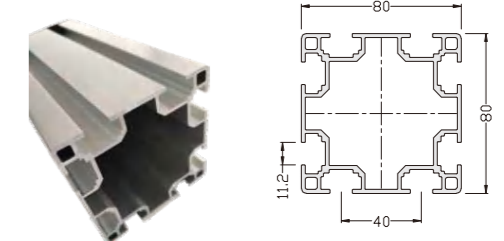
Code	Material	SPEC	Dead Weight
Z-40*80	6063-T5	3M/6M	2.2KG/M

64*64 Support Beam



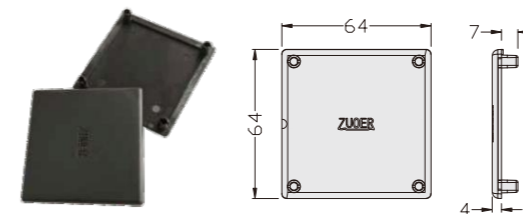
Code	Material	SPEC	Dead Weight
Z-64*64	6063-T5	3M/6M	2.6KG/M

80*80 Support Beam



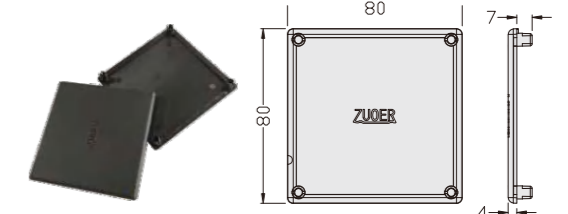
Code	Material	SPEC	Dead Weight
Z-80*80	6063-T5	3M/6M	3.1KG/M

64 End Cover



Code	Material	Dead Weight(g)
DG64	PA6	14

80 End Cover



Code	Material	Dead Weight(g)
DG80	PA6	22

End Cover



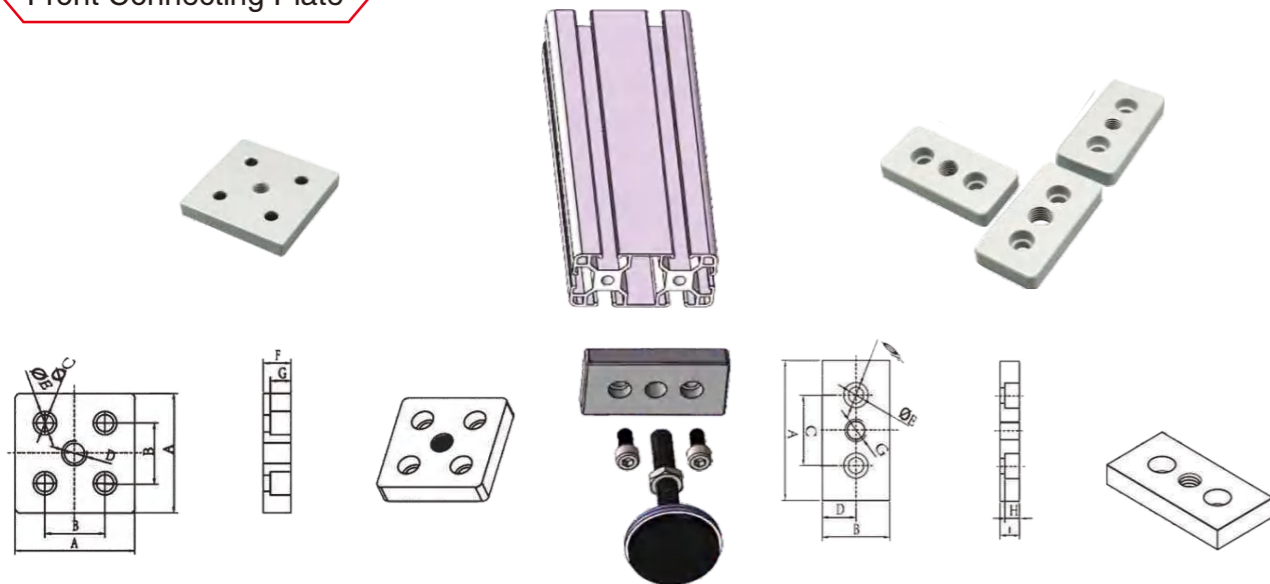
Material: Nylon Color: Black/Grey



Model	A	B	C
3030	30	30	φ7.2
4040	40	40	φ7.2

Model	A	B	C
3060	60	30	φ7.2
4080	80	40	φ7.2

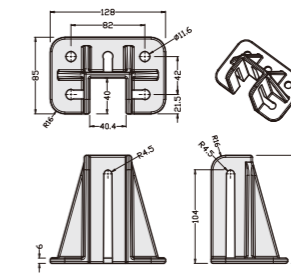
Front Connecting Plate



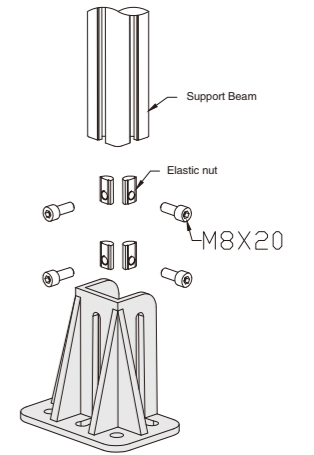
Front Connecting Plate(Square shape)								
No.	Model	A	B	C	D	E	F	G
1	6060-M12	60	30	8.5	M12.4	13.3	12	8
2	6060-M16	60	30	8.5	M14.5	12.8	12	8
3	8080-M12	80	40	10	M11.6	14.2	12	8.5
4	8080-M16	80	38	10	M15.6	14.3	12	8.5

Front Connecting Plate(Square shape)										
No.	Model	A	B	C	D	E	F	G	H	I
1	3060-M12	60	30	30	15	11	14	12	8	11.5
2	4080-M12	80	40	40	20	8	13.3	12	9	11.5
3	4080-M16	80	40	40	20	10	13.6	16	9	11.5

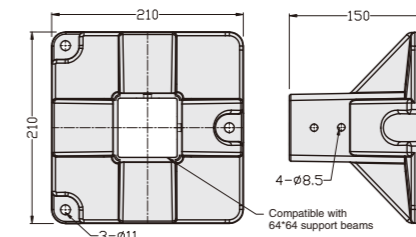
40 Mounting Base



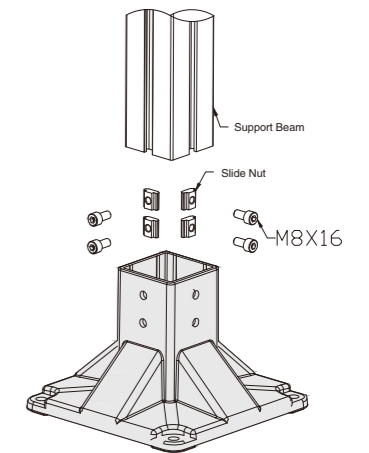
Code	Material	Dead Weight(g)
40-128-85	ADC12	460



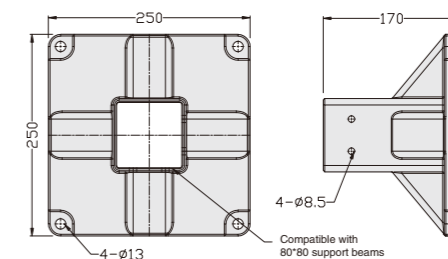
64 Mounting Base



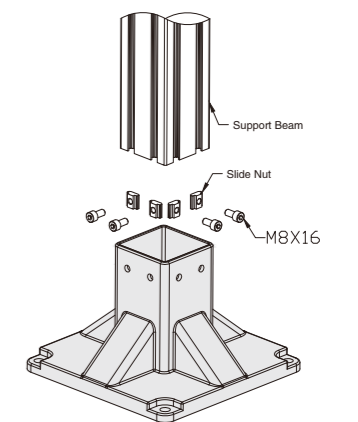
Code	Material	Dead Weight(g)
64-210	ADC12	1265



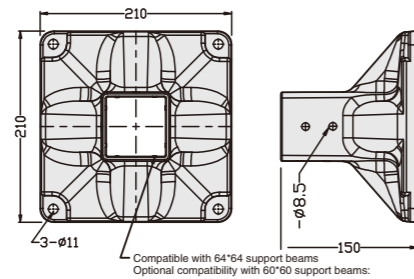
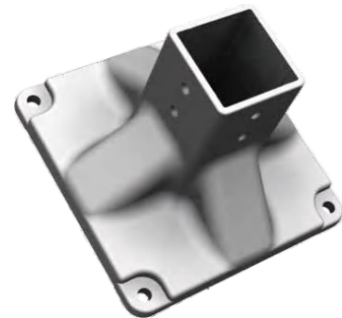
80 Mounting Base



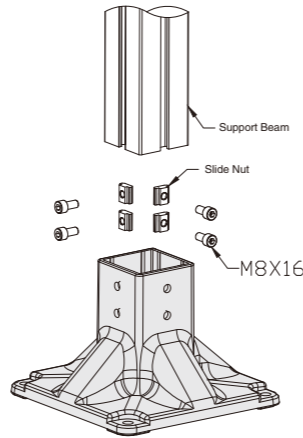
Code	Material	Dead Weight(g)
80-250	ADC12	1810



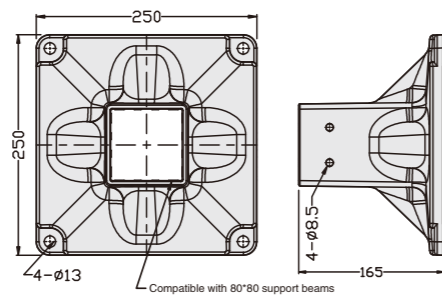
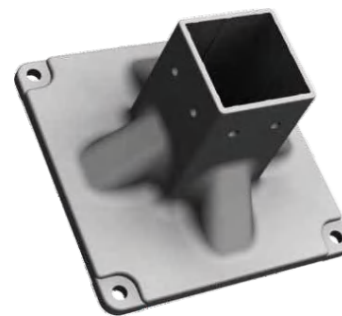
64 Plastic Mounting Base



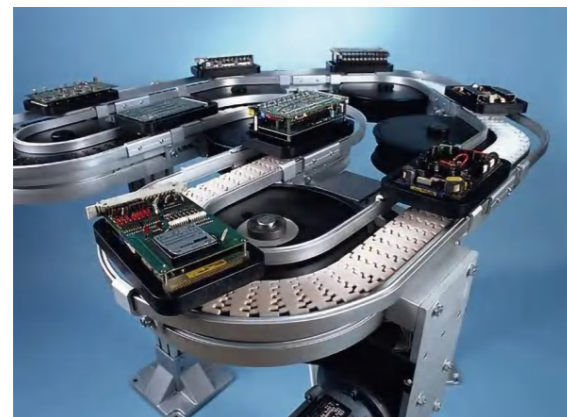
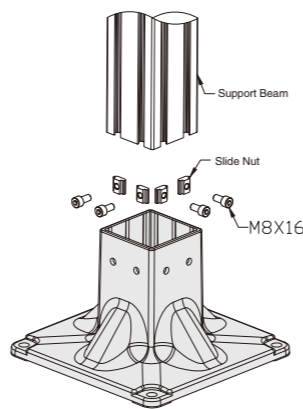
Code	Material	Dead Weight(g)
64-210P	增强PP	450



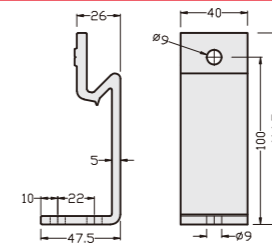
80 Plastic Mounting Base



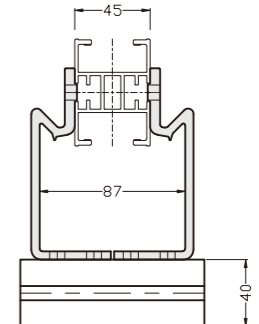
Code	Material	Dead Weight(g)
80-250P	增强PP	710



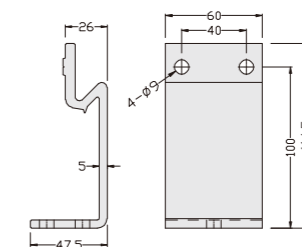
A45-40 Cross Support Frame



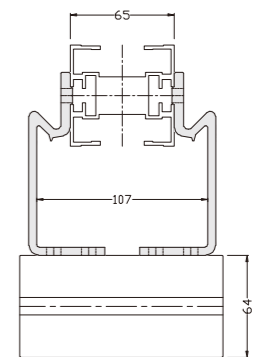
Code	Material	Dead Weight(g)
A45-40	6063-T5	108



A65-64 Cross Support Frame

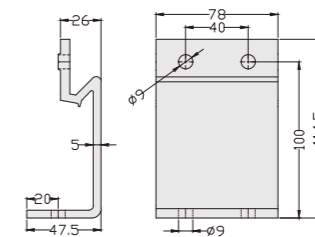


Code	Material	Dead Weight(g)
A65-64	6063-T5	163

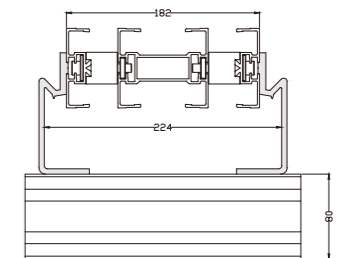


AL105/85-80 Cross Support Frame

Standard model

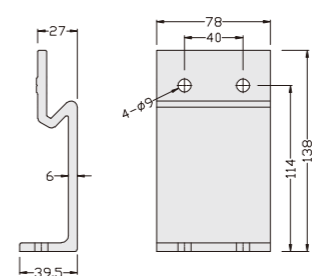


Code	Material	Dead Weight(g)
AL105/85-80	6063-T5	208

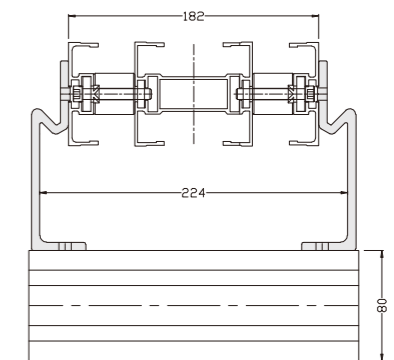


A105/85-80 Cross Support Frame

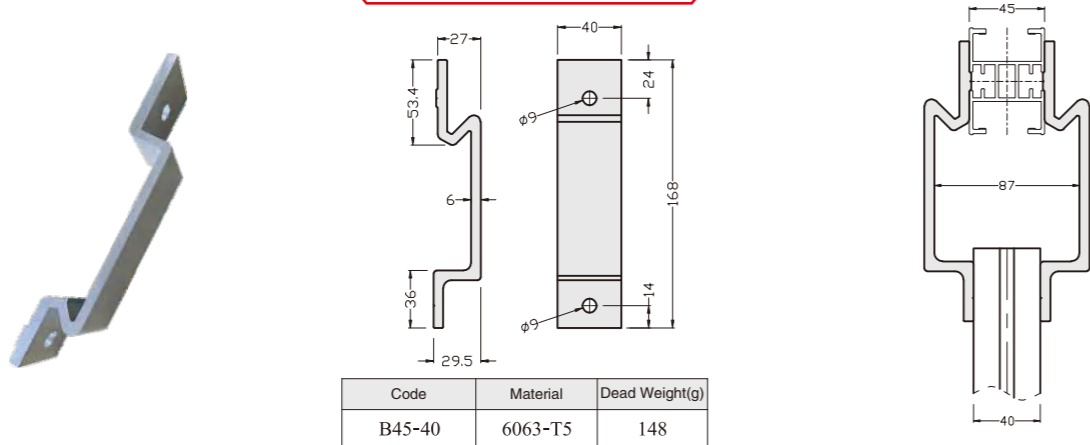
Customized version



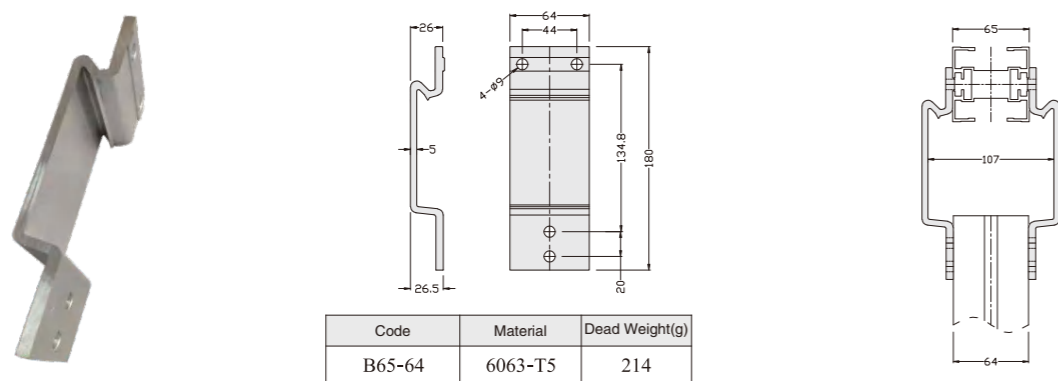
Code	Material	Dead Weight(g)
A105/85-80	6063-T5	265



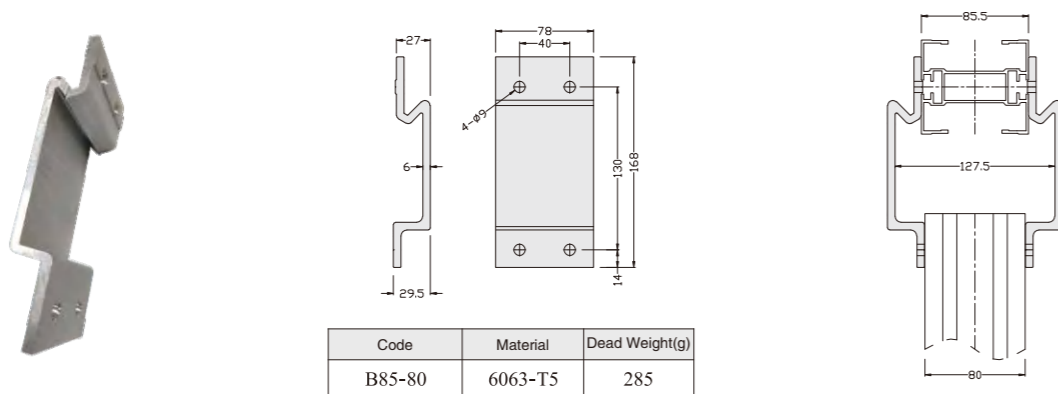
B45-40 Vertical Support Frame



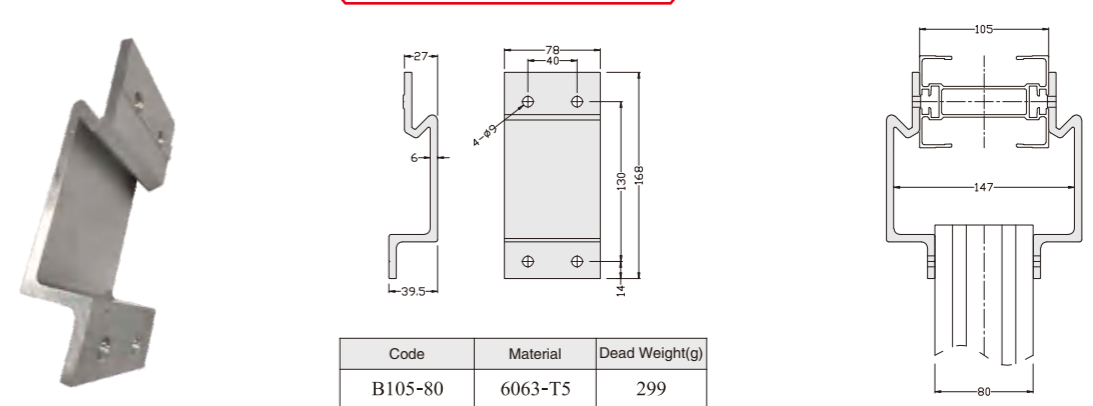
B65-64 Vertical Support Frame



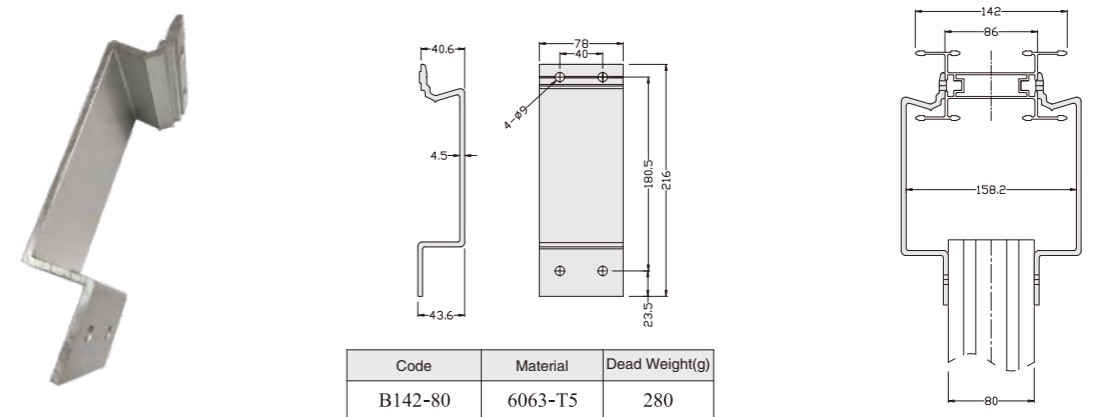
B85-80 Vertical Support Frame



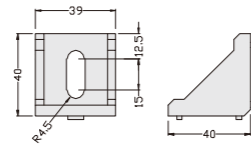
B105-80 Vertical Support Frame



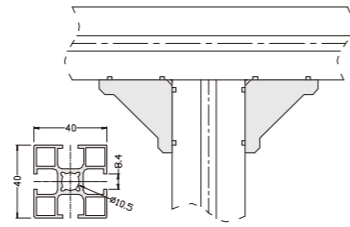
B142-80 Vertical Support Frame



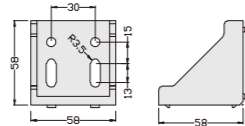
40-40 Corner Bracket



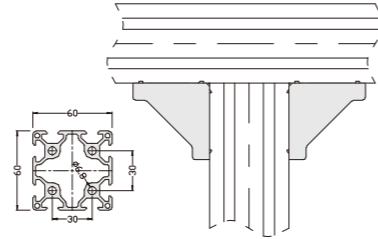
Code	Material	Dead Weight(g)
L40-40	ADC12	39



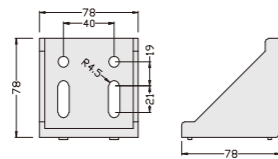
60-60 Corner Bracket



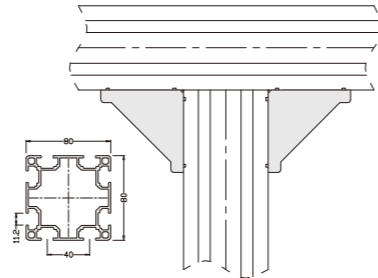
Code	Material	Dead Weight(g)
L60-60	ADC12	91



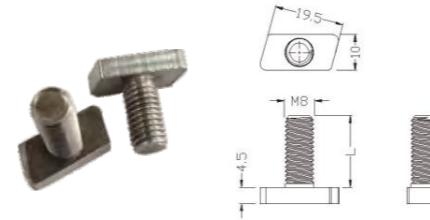
80-80 Corner Bracket



Code	Material	Dead Weight(g)
L80-80	ADC12	156

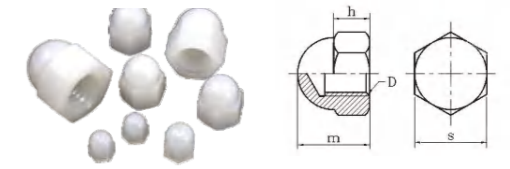


T-type Bolt



Item	SPECL	Material
T-type Bolt	M8*16	SUS
T-type Bolt	M8*20	SUS
T-type Bolt	M8*25	SUS
T-type Bolt	M8*30	SUS

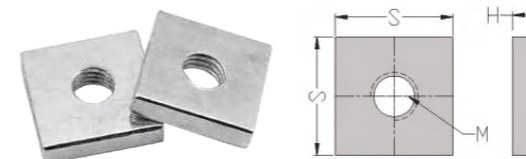
T-type Bolt



尺寸说明: 例如M4(指内径4mm), 单位mm

Item	SPEC	Model	the opposite side of Allen bolt S	Nut thickness h	Height m	Pitch
Common and Stock	M6	M3	5.6	3.0	6.4	0.5
		M4	6.8	3.9	8.0	0.7
		M5	7.8	4.6	9.7	0.8
		M6	9.8	6.4	11.9	1.0
		M8	12.7	8.6	15.9	1.25
		M10	15.6	9.6	17.8	1.5
		M12	17.6	10.0	20.5	1.75

Square Nut



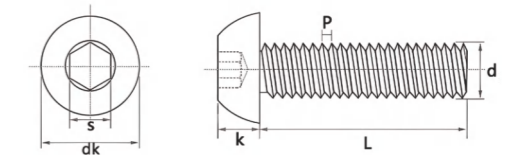
规格 M	边长 S	厚 H	材质
M6	20	4	碳钢镀锌/SUS
M8	20	5	碳钢镀锌/SUS

Round Head Allen Bolt

Material: 304Stainless Steel
Process:Standard Allen Slot
Design:Natural Oxidation
Package:PP Package/ Paper Box



Measurement Diagram



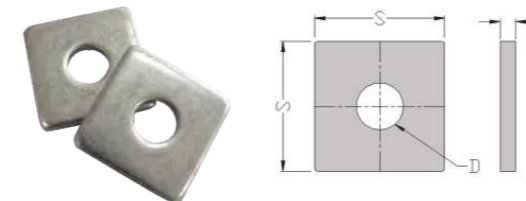
L: means the length of the thread
k: means the thickness of the head
d: means the diameter of the thread
d: means the diameter of the head
P: means the distance of the thread
S: means the opposite side of Allen bolt

The spec is d*L, for instance: M4*16 (thread diameter 4mm*thread length 16mm), excluding the head length

Nominal Diameter	M2	M2.5	M3	M4	M5	M6
Bolt Distance P	0.4	0.45	0.5	0.7	0.8	1
Head Diameter	m ax	3.8	4.6	5.7	7.6	9.5
	m in	3.4	4.1	5.4	7.3	9.14
the opposite side of Allen bolt S	m ax	1.37	1.51	2.04	2.56	3.07
	m in	1.25	1.37	2.02	2.51	3.02
the thickness of the head k	max	1.5	1.6	1.65	2.20	2.75
	min	1.25	1.39	1.4	1.95	2.50
Adaptive Hexagonal Wrenches	1.25mm	1.5mm	2mm	2.5mm	3mm	4mm

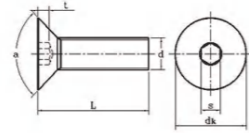
The above data are from a single batch of manual measurement and may have some deviation. Please refer to the actual product for accuracy! Those who are sensitive to this should refrain from taking pictures.

Square Shim



规格 D	边长 S	厚 H	材质
7	25	3	碳钢镀锌/SUS
9	25	3	碳钢镀锌/SUS

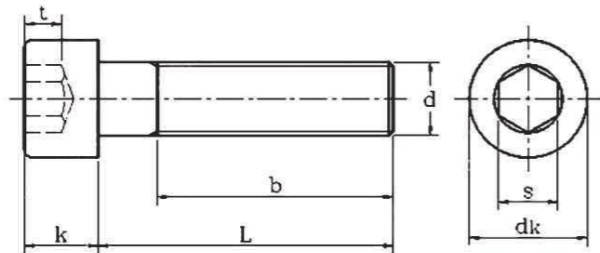
Countersunk Flat Head Allen Bolt



Item	Allen Countersunk Bolt R				Surface Treatment	Sanitation Procedure		
Operation Standard	DIN 7991-1986				Material	304Stainless Steel		
Size icon: Diameter d*Length L, for instance M5*10, means d=5, L=10(Unit:mm)								
Thread SPEC d	Bolt Distance P	Head Diameter dk		the opposite side of Allen bolt S		Slot Depth t		Countersunk Point a
		max	min	max	min	max	min	
Unit:mm								
M3	0.5	6	5.7	2.1	2.02	1.2	0.85	90° - 92°
M4	0.7	8	7.64	2.6	2.25	1.8	1.55	
M5	0.8	10	9.64	3.1	3.02	2.3	2.05	
M6	1	12	11.57	4.12	4.02	2.5	2.25	
M8	1.25	16	15.57	5.14	5.02	3.5	3.2	
M10	1.5	20	19.48	6.14	6.02	4.4	4.1	
M12	1.75	24	23.48	8.175	8.025	4.6	4.3	
M14	2	27	26.48	10.175	10.025	4.8	4.5	
M16	2	30	29.48	10.175	10.025	5.3	5	

Item	SPEC
Common and Stock	M5*12
	M8*16
	M8*20
	M8*70
	M8*85
	M8*100

Cup Head Allen Bolt



The spec is d*L, for instance: M4*16(thread diameter 4mm*thread length 16mm), excluding the head length

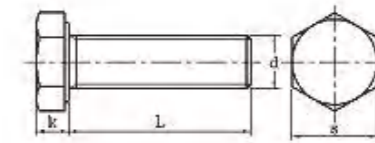
Nominal Diameter D	Bolt Distance P	b mix	dk		k		s		t min
			max	mix	max	mix	max	mix	
M3	0.5	18	5.68	5.32	3	2.86	2.58	2.52	1.3
M4	0.7	20	7.22	6.78	4	3.82	3.08	3.02	2
M5	0.8	22	8.72	8.28	5	4.82	4.095	4.02	2.5
M6	1	24	10.22	9.78	6	5.7	5.14	5.02	3
M8	1.25/1	28	13.27	12.73	8	7.64	6.14	6.02	4
M10	1.5/1.25/1	32	16.27	15.73	10	9.64	8.175	8.025	5
M12	1.75/1.5/1.25	36	18.27	17.73	12	11.57	10.18	10.025	6
M14	2/1.5	40	21.33	20.67	14	12.57	12.21	12.032	7
M16	2/1.5	44	24.33	23.67	16	15.57	15.57	14.032	8
M18	2.5/2/1.5	48	27.33	26.67	18	17.57	17.57	14.032	9
M20	2.5/2/1.5	52	30.33	29.67	20	19.48	19.48	17.05	10

Item	SPEC	SPEC
Common and Stock	M5*16	M8*100
	M6*16	M10*35
	M6*20	M6*45
	M8*16	
	M8*20	
	M8*25	
	M8*30	
	M8*35	
	M8*45	

Hex Bolt



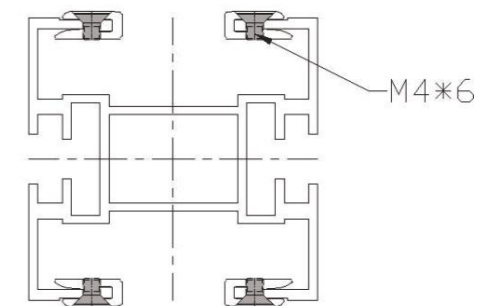
Standard : DIN933 Strength Grade:A2-70



Item	SPEC	SPEC
Common and Stock	M6*16	M10*8
	M6*20	M10*25
	M6*25	M10*35
	M8*16	M12*45
	M8*20	
	M8*25	
	M8*30	
	M8*40	
	M8*45	

Nominal Diameter D	Bolt Distance P	the thickness of the head k		the opposite side of the head S	
		max	min	max	min
单位: mm					
M3	0.5	2.12	1.88	5.5	5.32
M4	0.7	2.92	2.68	7	6.78
M5	0.8	3.65	3.35	8	7.78
M6	1	4.15	3.85	10	9.78
M8	1.25	5.45	5.15	13	12.763
M10	1.5	6.56	6.22	17	16.73
M12	1.75	7.68	7.32	19	18.67
M14	2	8.98	8.62	22	21.67
M16	2	10.18	9.82	24	23.67
M18	2.5	11.72	11.28	27	26.67
M20	2.5	12.72	12.28	30	29.67
M22	2.5	14.22	13.78	32	31.61
M24	3	15.22	14.78	36	35.38

Nylon Cross Flat Head Bolt



Item	SPEC	SPEC
Cross Flat Head Bolt	M4*6	Specific Fixing Spacer Strip

Hex Nut

Standard: DIN934 Strength Grade: A2-70



Item	SPEC	Bolt Distance P	Thickness K		Opposite side S	
			max	min	max	min
M3	0.5	2.4	2.15	5.5	5.32	
M3.5	0.6	2.8	2.55	6	5.82	
M4	0.7	3.2	2.9	7	6.78	
M5	0.8	4	3.7	8	7.78	
M6	1	5	4.7	10	9.78	
M7	1	5.5	5.2	11	10.73	
M8	1.25	6.5	6.14	13	12.73	
M10	1.5	8	7.64	17	16.73	
M12	1.75	10	9.64	19	18.67	

Stainless Steel Flat Shim

Standard: GB97 Strength Grade: A2



SPEC	Inner Diameter d		Outer Diameter dc		Thickness h
	max	min	max	min	
M3*7*0.5	3.38	3.2	7	6.64	0.5
M4*9*0.8	4.48	4.3	9	8.64	0.8
M5*10*1	5.48	5.3	10	9.64	1
M6*12*1.6	6.62	6.4	12	11.57	1.6
M8*16*1.6	8.62	8.4	16	15.57	1.6
M10*20*2	10.77	10.05	20	19.48	2
M12*24*2.5	13.27	13	24	23.48	2.5

Self-locking Hex Nut

Standard: DIN985 Strength Grade: A2



Nominal Diameter D	Bolt Distance P	Total Thickness H		Allen Thickness		Opposite side S	
		max	min	max	min	max	min
M3	0.5	4	3.7	2.4	5.5	5.32	
M4	0.7	5	4.7	2.9	7	6.78	
M5	0.8	5	4.7	3.2	8	7.78	
M6	1	6	5.7	4	10	9.78	
M8	1.25	8	7.64	5.5	13	12.763	
M10	1.5	10	9.64	6.5	17	16.73	
M12	1.75	12	11.57	8	19	18.67	
M14	2	14	13.3	9.5	22	21.67	
M16	2	16	15.3	10.5	24	23.67	

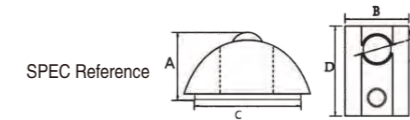
Stainless Steel Spring Shim

Standard: GB93 Strength Grade: A2-70



SPEC	Inner Diameter d		Steel Wire Thickness*Steel Wire Outer Diameter		Outer Diameter dc		Thickness h	
	max	min	max	min	max	min	max	min
Φ3	3.4	3.1	0.9	0.7	2	1.6		
Φ4	4.4	4.1	1.2	1	2.75	2.2		
Φ5	5.4	5.1	1.4	1.2	3.25	2.6		
Φ6	6.68	6.1	1.7	1.5	4	3.2		
Φ8	8.68	8.1	2.2	2	5.25	4.2		
Φ10	10.9	10.2	2.75	2.45	6.5	5.2		
Φ12	12.9	12.2	3.25	2.95	7.75	6.2		

Steel Ball Elastic Nut



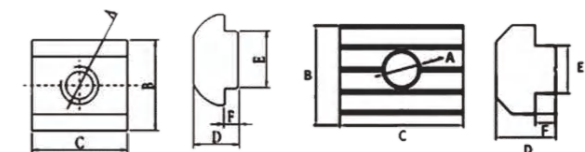
SPEC Reference	A	B	C	D	M
EU Standard20M4	5.0	8.0	6.1	14	4
EU Standard20M5	5.0	8.0	6.1	14	5
EU Standard30M4	7.9	11.5	7.5	20	4
EU Standard30M5	7.9	11.5	7.5	20	5
EU Standard30M6	7.9	11.5	7.5	20	6
EU Standard30M8	7.9	11.5	7.5	20	8
EU Standard40M4	9.0	12.5	8.2	22	4
EU Standard40M5	9.0	13.2	8.2	22	5
EU Standard40M6	9.0	13.2	8.2	22	6
EU Standard40M8	9.0	13.2	8.2	22	8
EU Standard45M5	9.2	14.8	9.8	23	5
EU Standard45M6	9.2	14.8	9.8	23	6
EU Standard45M8	9.2	14.8	9.8	23	8

Material: Carbon steel material - Surface plated with nickel or zinc

Slide Nut



EU Sliding Block Nut GB Sliding Block Nut

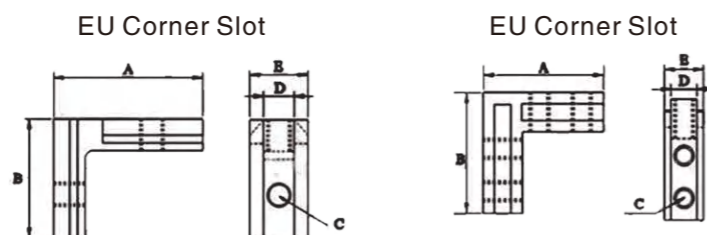
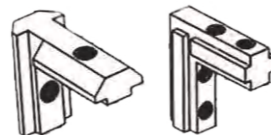


Profile	A	B	C	D	E	F
EU20 SERIES	M4	9.5	10	5	6	1.5
	M5	9.5	10	5	6	1.5
	M6	9.5	10	5	6	1.5
EU30 SERIES	M4	16	16	6	8	2
	M5	16	16	6	8	2
	M6	16	16	6	8	2
	M8	16	16	6	8	2
EU40 SERIES	M4	19	19.5	9	8	2.5
	M5	19	19.5	9	8	2.5
	M6	19	19.5	9	8	2.5
EU45 SERIES	M4	20	20	10	10	3
	M5	20	20	10	10	3
	M8	18	18	8.5	10	3
GB30 SERIES	M5	10	18	7	6	2
	M6	10	18	10	6	2
GB40 SERIES	M4	13.5	20	10	8	3.2
	M5	13.5	20	10	8	3.2
	M8	13.5	20	10	8	3.2

Corner Slot Connectors



Item Name: Corner Slot Connectors
 Item Material: Zinc Alloy
 Usage: for fixing and locking profiles
 Surface treatment: Nickel plating,
 Zinc plating



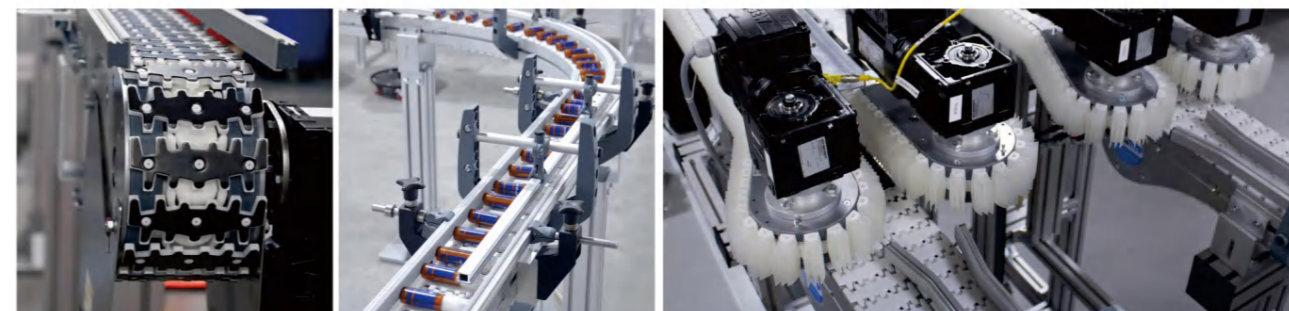
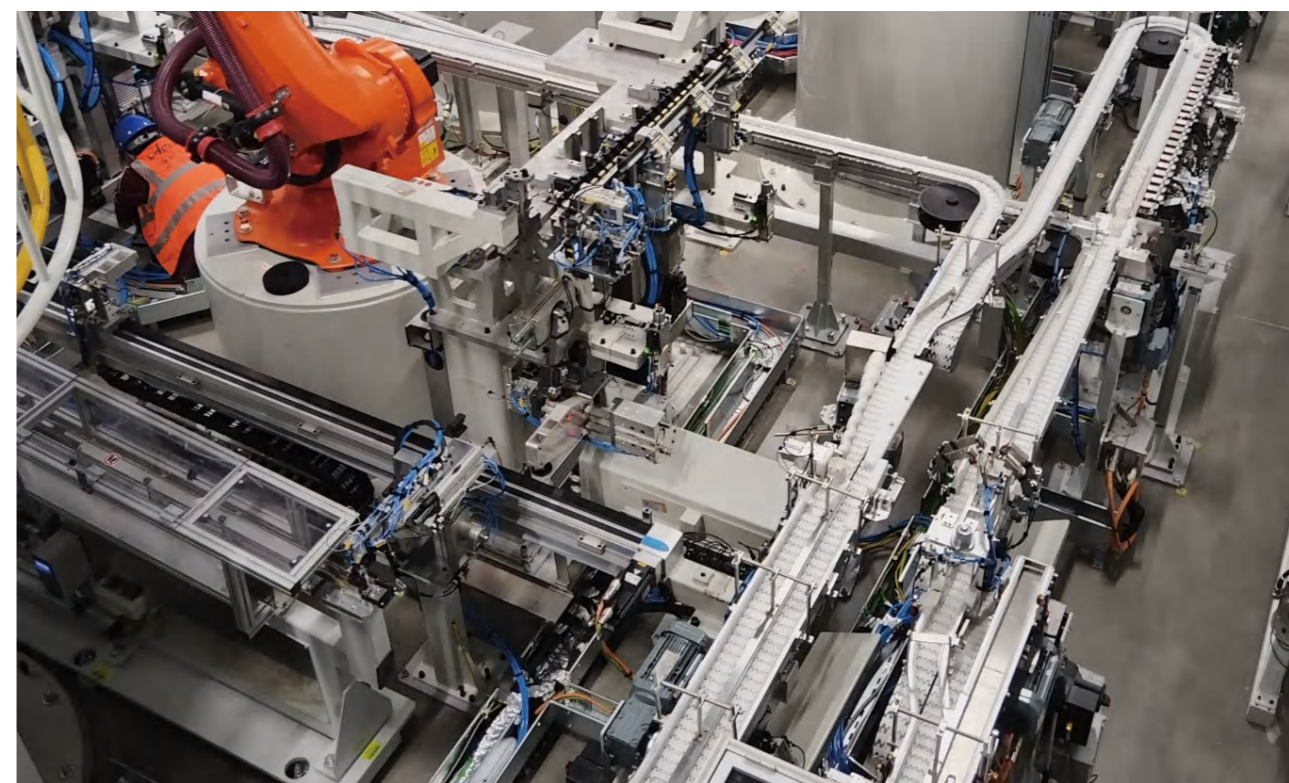
No.	Corner Slot Type	A	B	C	D	E
1	EU Standard1515	24.5	23.5	M4	5.7	8.8
2	EU Standard2020	26	25	M5	5.6	9.5
3	EU Standard3030	37	31	M6	7.5	15
4	EU Standard4040	38	31.5	M6	8	18.5
5	EU Standard4545	38	31.5	M8	10	18.8
6	GB Standard3030	30	30	M5	6	9.8
7	GB Standard4040	44	40	M6	7.7	12.6

Disassembly Gun for Flexible Chain



Code	Pin diameter	Adaptive series	Dead Weight KG
ZLMJ4	4	ZU/ZS/ZL	1.25
ZMMJ6	6	ZM/ZH/ZK/ZW	1.25

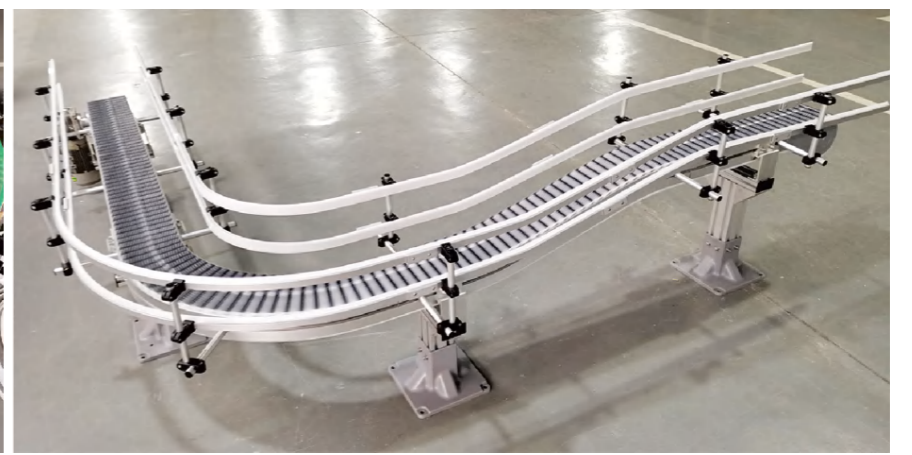
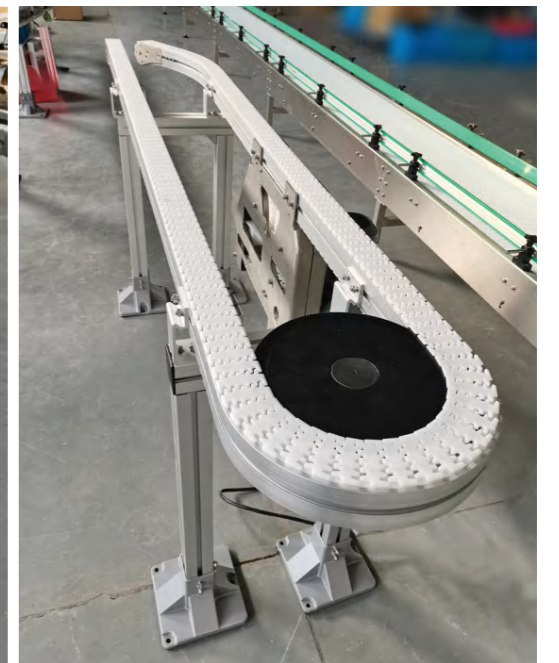
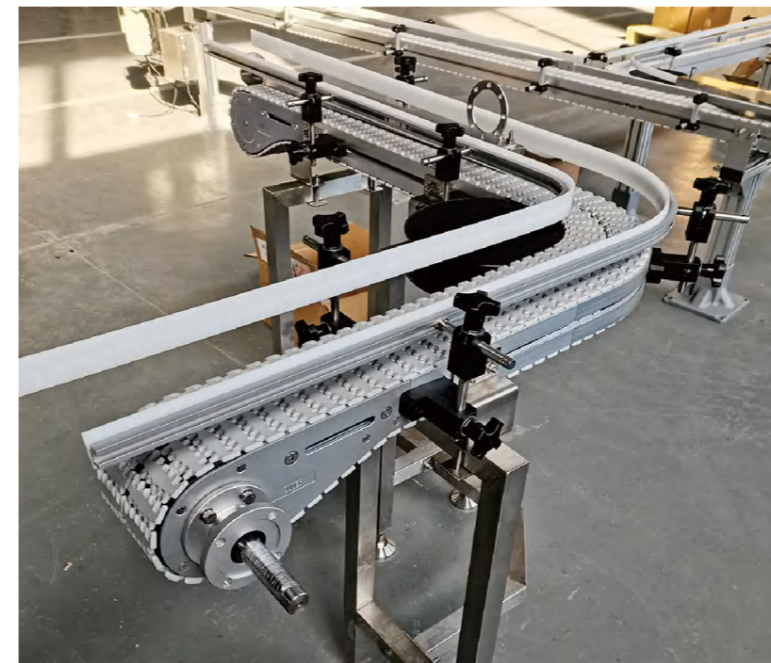
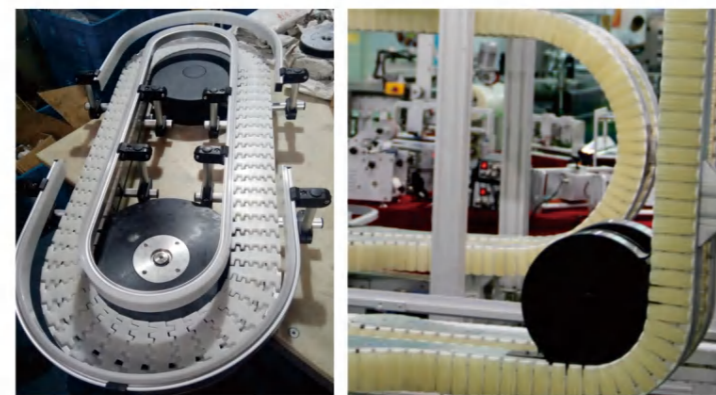
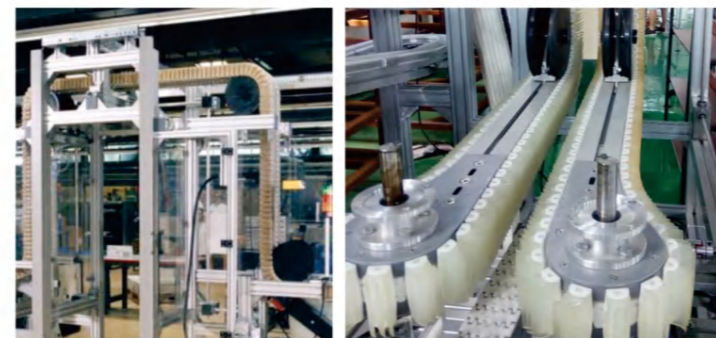
Product Application Notes:
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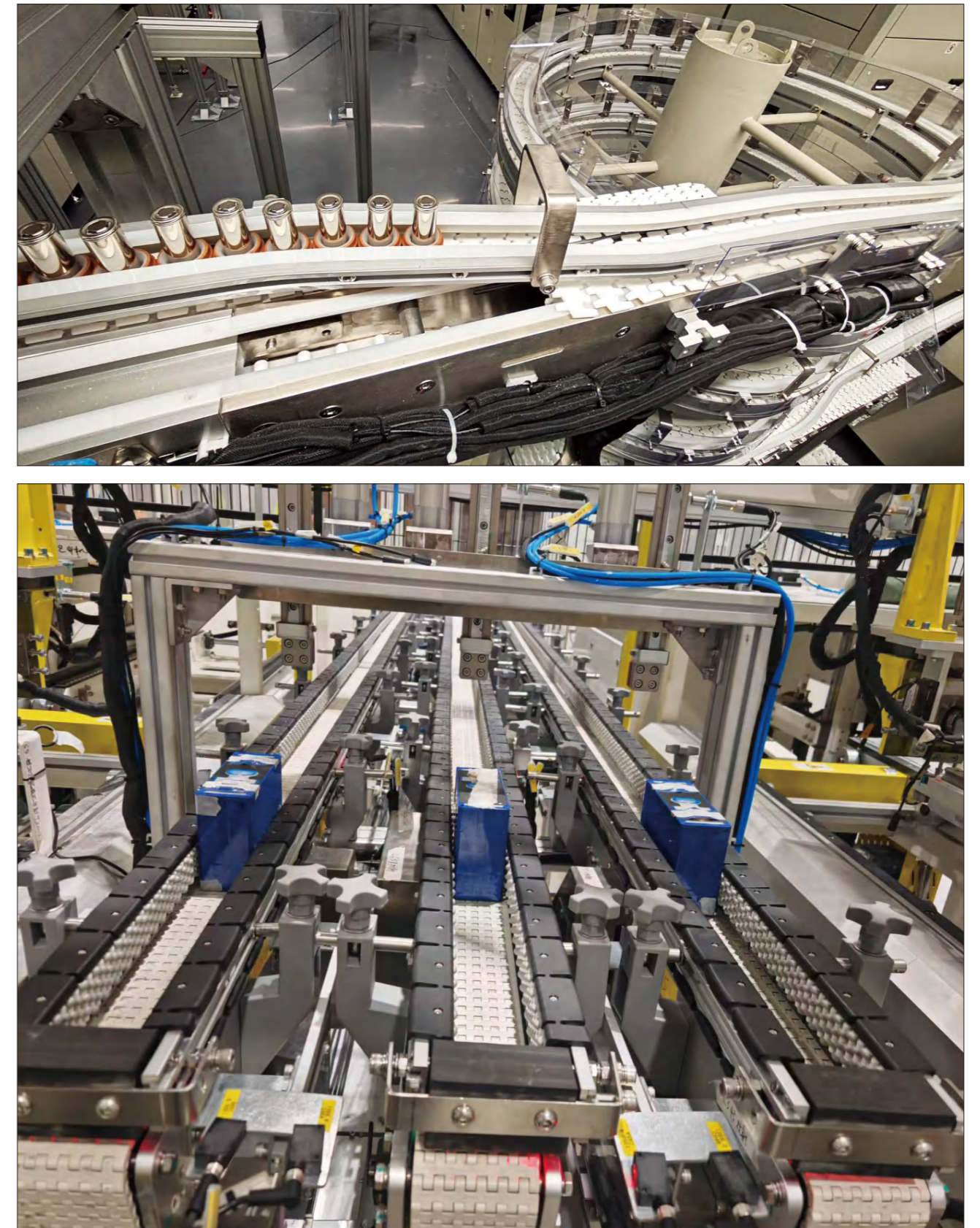
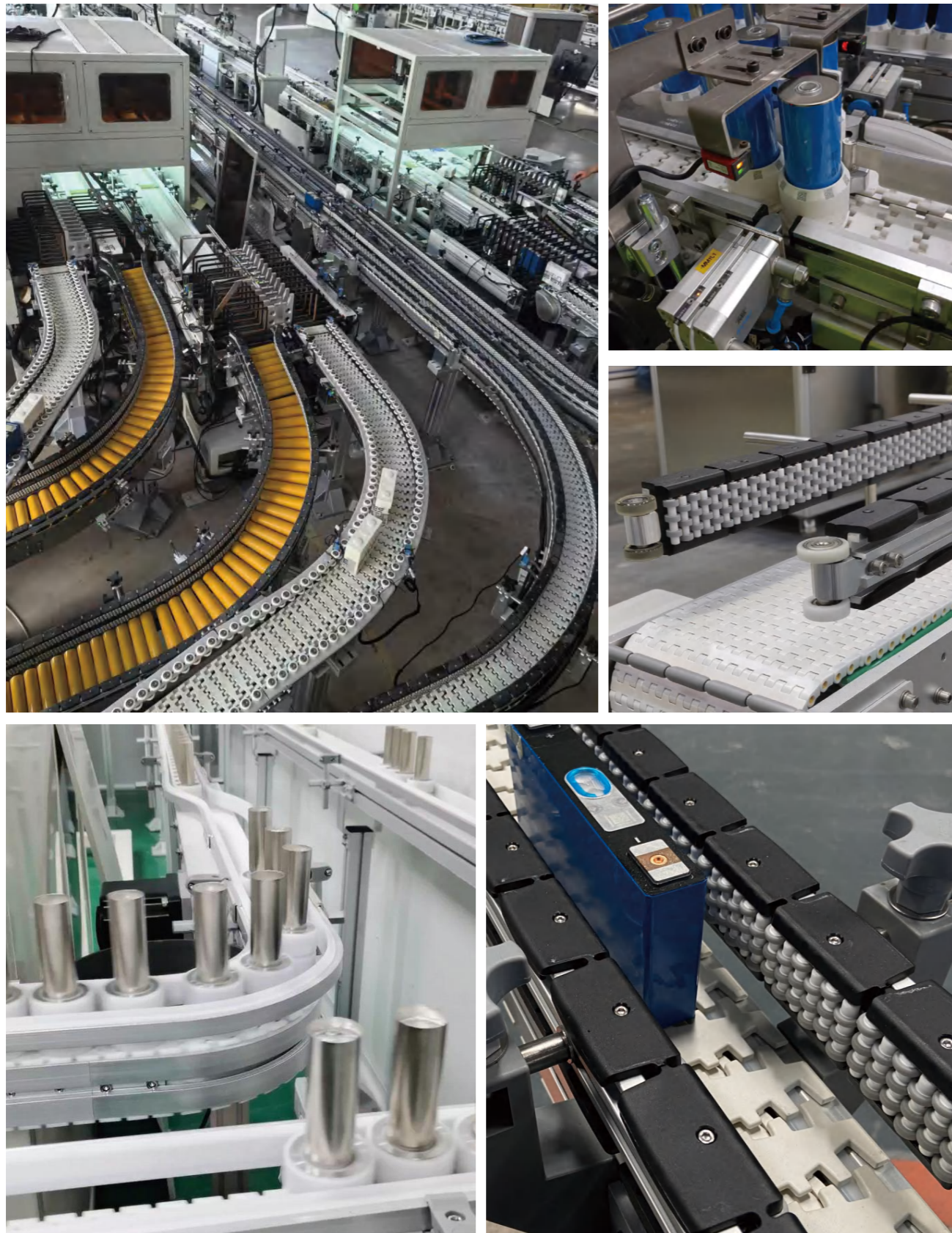


The flexible conveying system is capable of being configured into various forms according to different user requirements. The body is made of aluminum alloy profiles and features modular design, which is agile, lightweight, and aesthetically pleasing. Installation is quick and convenient. It is equipped with standardized plastic steel chain plates with widths ranging from 44mm to 295mm, capable of conveying products up to 600mm in width. Each system is composed of various modular components of different specifications and can be directly assembled using simple hand tools.



Flexible conveying systems are widely used in industries such as the cosmetics industry, the pharmaceutical industry, the automotive parts industry, the food and beverage industry, the tissue paper industry, and the bearing manufacturing industry. They have the advantages of small turning radius, strong climbing ability, good stability, compact structure, easy installation, low noise, and no pollution.

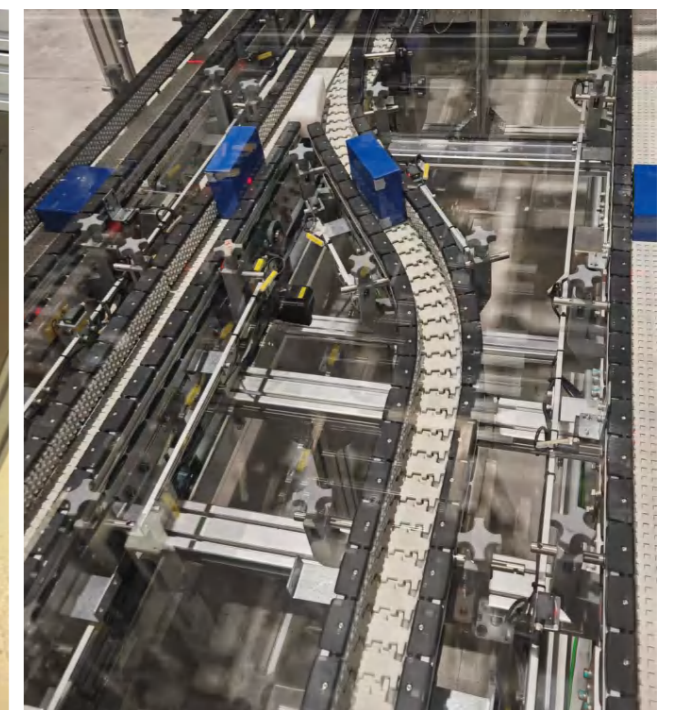


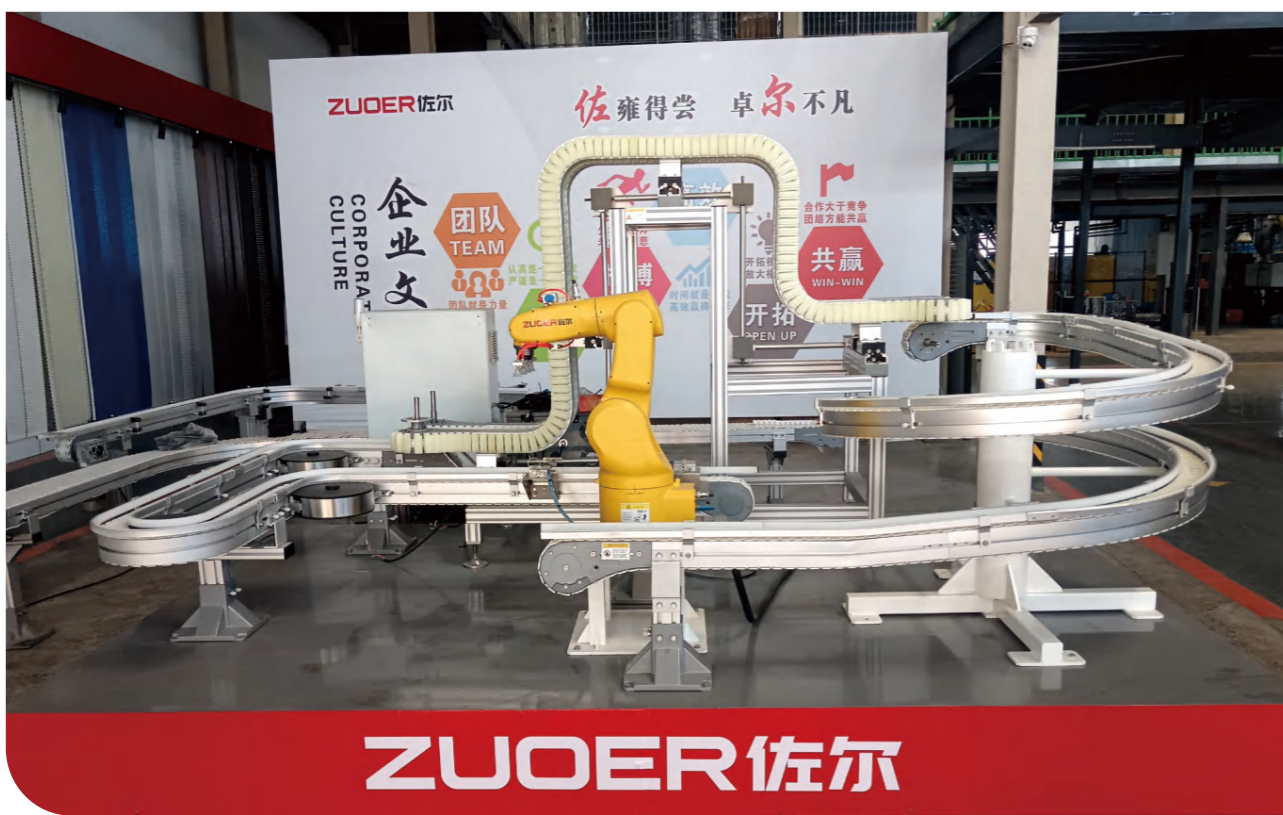




Automation conveying equipment

Layout consultation: During the planning stage, it can assist you in determining the priority of the project elements.
Project design: With a team of experienced industry engineers, we can conduct global design quickly and accurately.
Installation and Commission: A well-experienced on-site installation and commissioning team, capable of handling tasks on a 24/7 basis.
Project Management: Provide a smooth and optimized project process / a clear plan / Regular and on-demand communication and coordination with the project team to ensure the completion of the project
After-sales: Provide a smooth and optimized project process / a clear plan / Regular and on-demand communication and coordination with the project team to ensure the completion of the project





Flexible Chain Working Load List(POM/20°C)

No.	Model	Chain Width (mm)	Pitch (mm)	Broken Load(N)	Working Load(N)	Max Extension Rate(%)	Note
1	ZU43	43	12.7	720	500	11.5	Tabletop Chain
2	ZU43F	43	12.7	720	500	11.5	Chain Guide
3	ZU43JP	43	12.7	720	500	11.5	Gripper Chain
4	ZS44	44	25.4	3700	2600	13.5	Tooth Chain
5	ZL63A	63	25.4	3700	2600	13.5	Tooth Chain
6	ZL63S	63	25.4	3000	2100	18.5	Seamless Chain
7	ZL63F	63	25.4	3700	2600	13.5	Chain Guide
8	ZM83A	83	33.5	5700	4000	18.1	Tooth Chain
9	ZM83S	83	33.5	5500	3800	17.5	Seamless Chain
10	ZM83SP	83	33.5	5570	3900	19.3	Can equip with bearing, used in spiral conveying
11	ZM83PJ	83	33.5	5570	3900	19.3	Chain Guide, can equip with bearing
12	ZM83-G3	83	33.5	5570	3900	19.3	Gripper Chain
13	ZM83D	83	33.5	5570	3900	19.3	Gripper Chain
14	ZM140A-83G	140	33.5	5570	3900	19.3	Tabletop Chain
15	ZM140-83G	140	33.5	5570	3900	19.3	Tooth Chain
16	ZM140PJ-83G	140	33.5	5570	3900	19.3	Chain Guide
17	ZH103A	103	35.5	5400	3800	16.1	Tooth Chain
18	ZH103SP	103	35.5	4800	3300	19.7	Can equip with bearing, used in spiral conveying
19	ZH103S	103	42.4	5800	4000	30.7	Seamless Chain
20	ZH103PJ	103	35.5	4800	3300	19.7	Chain Guide, can equip with bearing
21	ZK140A	140	38.1	4500	3100	33.7	Tooth Chain
22	ZK140PJ	140	38.1	4500	3100	33.7	Chain Guide
23	ZB175A	175	33.5	5200	3600	22.8	Tabletop Chain
24	ZB175F	175	33.5	5200	3600	22.8	Chain Guide
25	ZB175AR	175	33.5	5200	3600	22.8	Can equip with bearing, used in spiral conveying
26	ZB175RF	175	33.5	5200	3600	22.8	Chain Guide, can equip with bearing
27	ZW295A	295	33.5	5200	3600	22.8	Tabletop Chain
28	ZW295F	295	33.5	5200	3600	22.8	Chain Guide
29	ZW295AR	175	33.5	5200	3600	22.8	can equip with bearing, used in spiral conveying
30	ZW295RF	175	33.5	5200	3600	22.8	Chain Guide, can equip with bearing