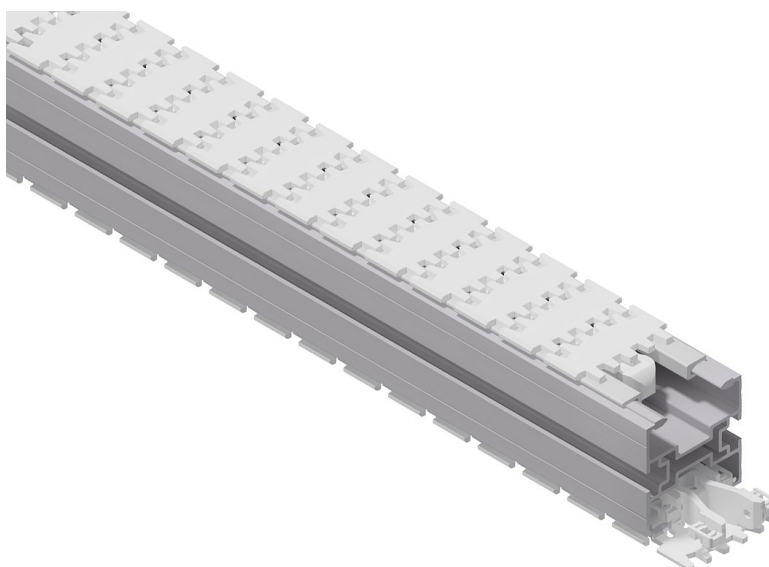


Series 620



Technical specification S620	
Width of chain	62 mm
Chain pitch	30 mm
Width conveyor profile	64 mm
Height conveyor	78 mm
Radius conveyor chain on the drive and idler unit	70 mm
Max. permitted traction on the conveyor chain	500 N
Weight conveyor	≈ 5 kg/m **
Recommended maximum weight on conveyor	≈ 105 kg *
Recommended maximum load	≈ 10 kg/m *
Recommended maximum length of conveyor	≈ 20 m *
Recommended maximum speed	60 m/min
Minimum radius on horizontal bend	R 191 mm
Wheel curve radius	R 141 mm and R191
Vertical bend radius	R 400 mm och R 860 mm
Motor	0,18 - 0,37 kW
Noise level	< 70 dB (A)
Chain material	Acetal
Conveyor profile material	Anodized aluminum
* Recommended maximum length depends on the design, load and number of bends.	
** The weight of the conveyor depends on which type of chain, guide rail and guide rail bracket.	

Series 620

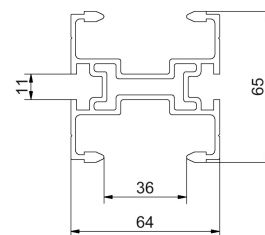
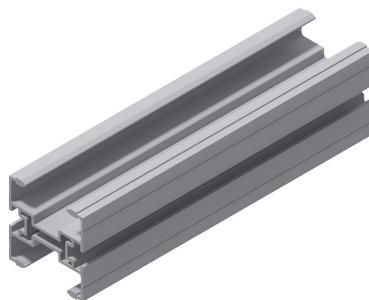
Conveyor profile S620

Anodized aluminum

Weight 2150 g/m

Length 5.8 m

Qty/ package 16 pcs

Part no. 620-1000

Series 620

Conveyor chain S620

Acetal, nylon and stainless steel.

Standard version top flights are made of white acetal which is food approved

Allowed traction force 500 N.

Specified dimensions may vary up to 2%.

On request, some links can be delivered in non-standard material.

Enter the following additional letter.

L = Low friction

V = Heat resistance

A = Antistatic

F = Flocked

Order example 620-2000L

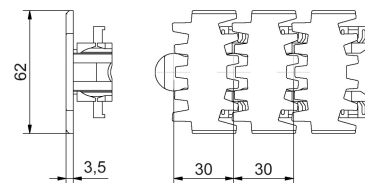
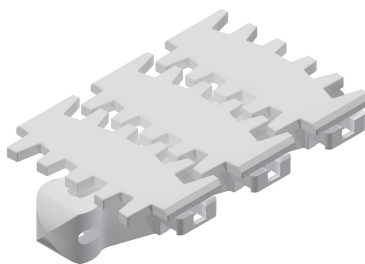
Finger chain

Slat standard chain for S620 and S520

Weight 760 g/m

Qty 33 pcs/m

Part no. 620-2000



Link for standard chain

Weight 17 g

Part no. 620-2001

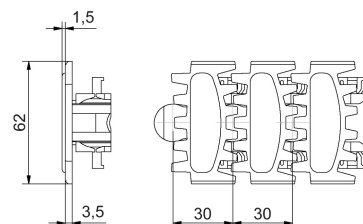
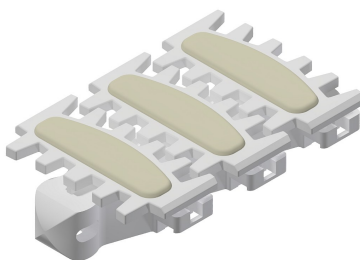
Finger chain friction

Standard chain with friction for S620 and S520

Weight 770 g/m

Qty 33 st/m

Part no. 620-2010



Link for friction chain

Weight 18 g

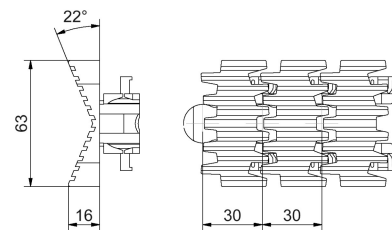
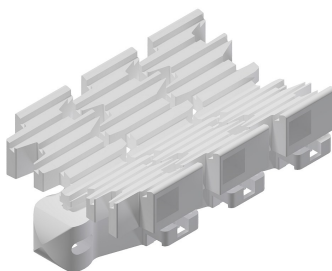
Part no. 620-2011

Series 620

V-chain

For S620 and S520
Weight 880 g/m
Qty 33 pcs/m

Part no. 620-2130

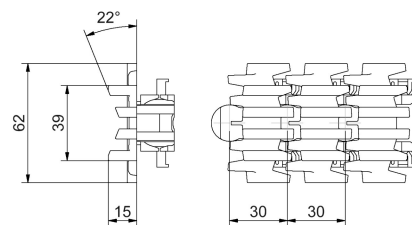
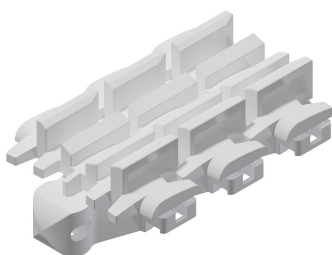


Link for v-chain
Weight 25 g
Part no. 620-2131

V-chain

For S620 and S520
Weight 890 g/m
Qty 33 pcs/m

Part no. 620-2135

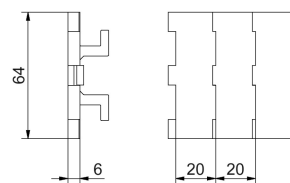
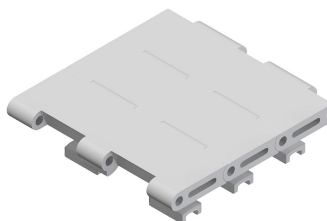


Link for v-chain
Weight 23 g
Part no. 620-2136

Chain for straight running

For S620
Weight 700 g/m
Qty 50 pcs/m

Part no. 620-2200

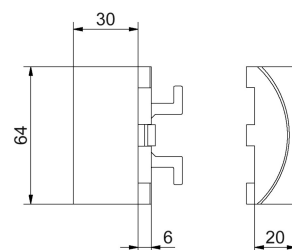
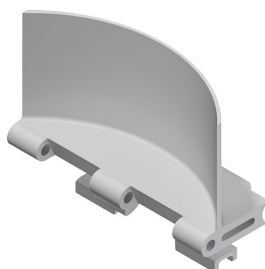


Link for straight running chain
Weight 9 g
Part no. 620-2201

Link to straight running chain with carrier

For S620
Weight 15 g

Part no. 620-2210

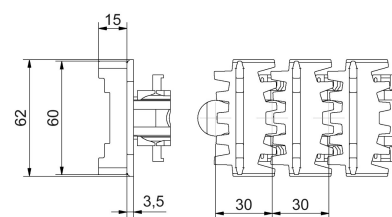
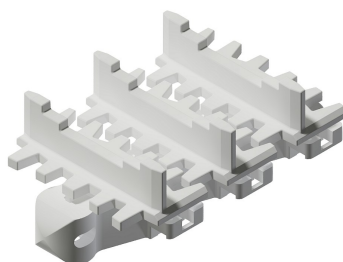


Series 620

Chain with carrier

For S620 and S520
 Weight 880 g/m
 Qty 33 pcs/m

Part no. 620-2067

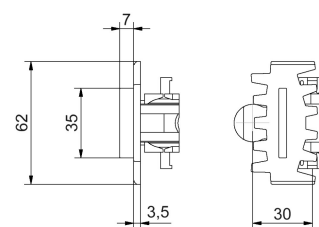
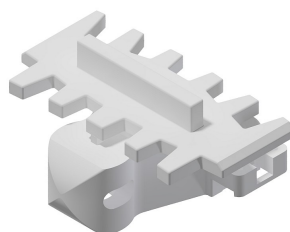


Link for carrier chain
 Weight 21 g
Part no. 620-2068

Link with carrier

For S620 and S520
 Weight 19 g

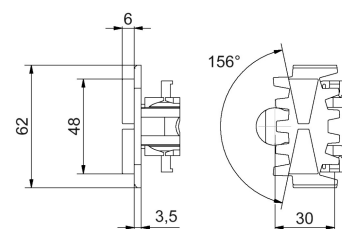
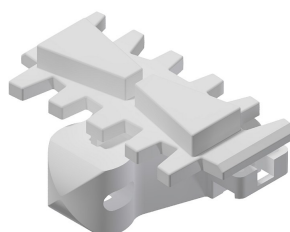
Art.nr 620-2065



Link with carrier

For S620 and S520
 Weight 22 g

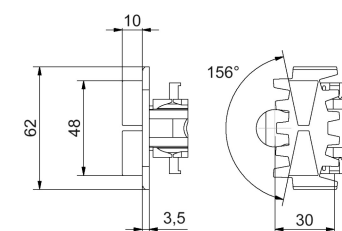
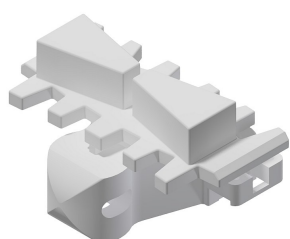
Art.nr 620-2179



Link with carrier

For S620 and S520
 Weight 24 g

Art.nr 620-2189



Series 620

620-30

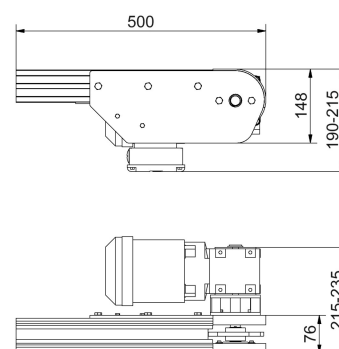
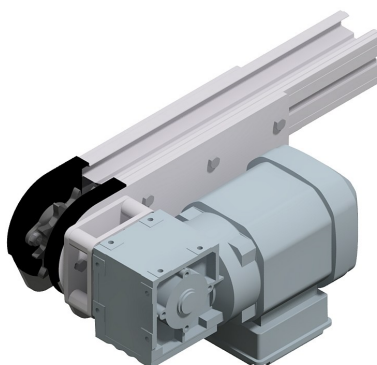
Drive unit with direct transmission S620.
IP55.

Configuration of default drive with direct transmission **620-30-ABC-D-E**.

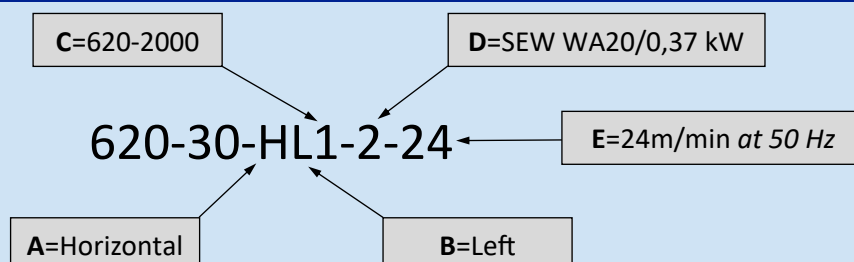
If needed, roller transfers and brackets can be found on page 115.

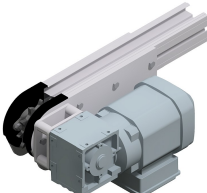
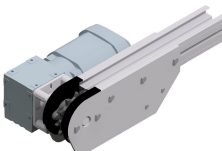
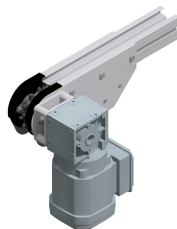
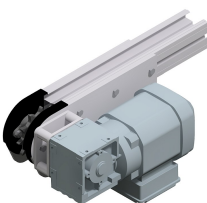
Weight without motor 3500 g

Weight with motor 10500-16500 g



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	C: <u>Conveyor chain</u>	-	D: <u>Motor/gear</u> <u>Power</u>	E: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 	1: 620-2000 620-2010		1: SEW WA20 0,25 kW	8 18 34 10 20 47 12 25 59 15 29
		2: 620-2189 620-2179		2: SEW WA20 0,37 kW	18 34 20 48 25 59 30
V: Vertical 	L: Left 	3: 620-2065 620-2135		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 48 12 25 59
		4: 620-2130			
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————→

Series 620

Cont. 620-30

D: Motor/gear Power	E: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45 52
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	52
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46 52
10: Lenze G500-B45 0,37 kW	28 32 37 42	47 54	

D: Motor/gear Power	E: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

If needed, roller transfers and brackets can be found on page 115.

Series 620

Cont. 620-30

Bracket for roller transfer and connecting strip between conveyors

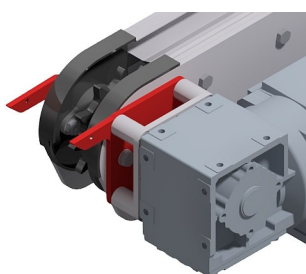
The following configuration is listed on order number 620-30-ABC-D-E- **with one additional letter**.

D = 900-7305 and 900-7325.

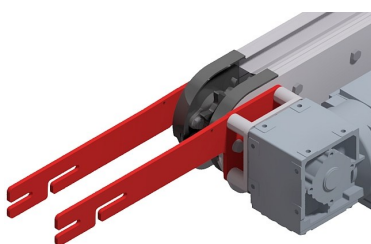
E = 900-7315 and 900-7320, 7 mm level difference.

Order example 620-30-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

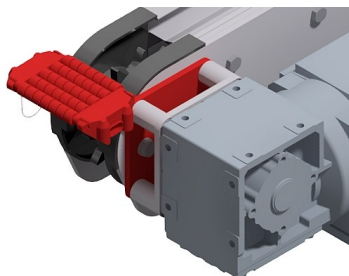
The following configuration is listed on the existing order number 140-30-ABC-D-E- **with two extra letters**.

DR = 900-7305, 900-7325 and 900-7400.

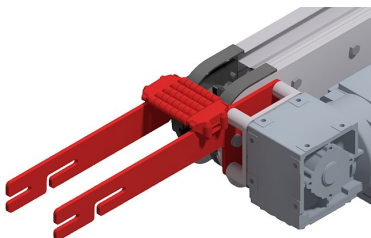
ER = 900-7315, 900-7320 and 900-7400, 7 mm level difference.

Order example: 620-30-HL1-2-24-**DR**

DR



ER



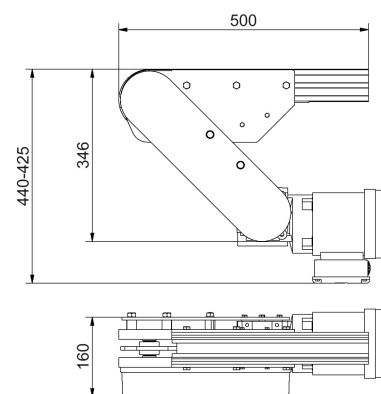
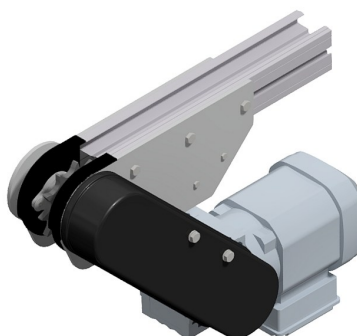
Series 620

620-31

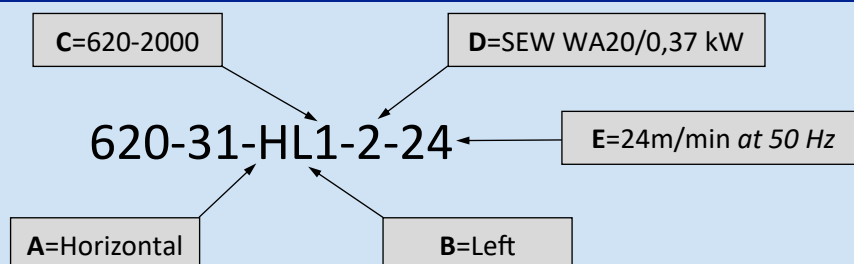
Drive unit with suspended motor with timing belt transmission S620. IP55.

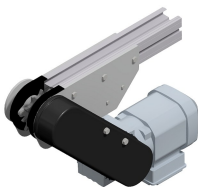
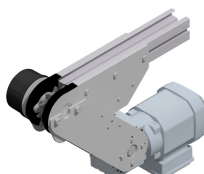
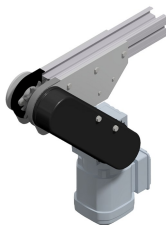
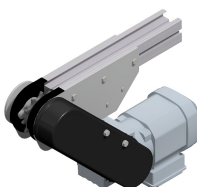
Configuration of default drive
620-31-ABC-D-E.

If needed, roller transfers and brackets can be found on page 118.



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	C: <u>Conveyor chain</u>	-	D: <u>Motor/gear</u> <u>Power</u>	E: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 	1: 620-2000 620-2010		1: SEW WA20 0,25 kW	8 18 34 10 20 47 12 25 59 15 29
		2: 620-2189 620-2179		2: SEW WA20 0,37 kW	18 34 20 48 25 59 30
V: Vertical 	L: Left 	3: 620-2065 620-2135		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 48 12 25 59
		4: 620-2130			
					W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————→

Series 620

Cont. 620-31

D: Motor/gear Power	E: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45 52
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	52
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46 52
10: Lenze G500-B45 0,37 kW	28 32 37 42	47 54	

D: Motor/gear Power	E: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

If needed, roller transfers and brackets can be found on page 118.

Series 620

Cont. 620-31

Bracket for roller transfer and connecting strip between conveyors

The following configuration is listed on order number 620-31-ABC-D-E- **with one additional letter**.

D = 900-7325.

E = 900-7320, with 7 mm level difference

Order example 620-31-HL1-2-24-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

The following configuration is listed on the existing order number 620-31-ABC-D-E- **with two extra letters**.

DR = 900-7325 and 900-7400

ER = 900-7320 and 900-7400, 7 mm level difference between conveyor.

Order example: 620-31-HL1-2-24-**DR**

DR



ER



Series 620

620-32

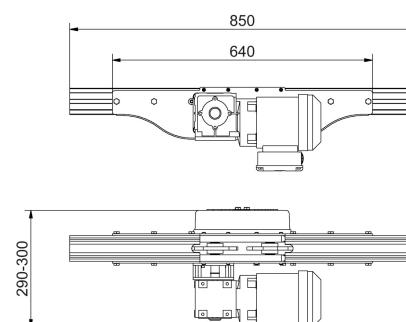
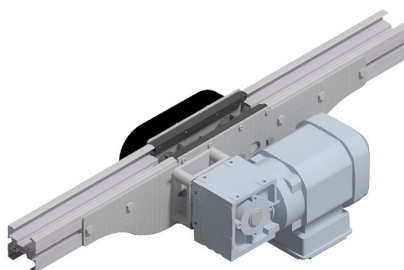
Drive unit with intermediate motor and returnchain S620.

IP55.

Configuration of default drive

620-32-AB-C-D.

Use 620-4055 as front idler unit.



Order example

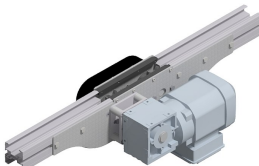
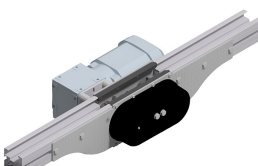
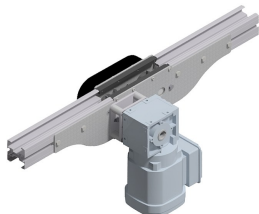
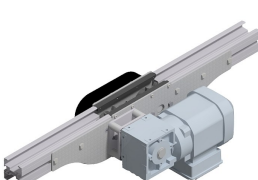
620-32-HL-2-24

C=SEW WA20/0,37 kW

D=24m/min at 50 Hz

A=Horizontal

B=Left

A: <u>Assembly position</u>	B: <u>Placement</u>	-	C: <u>Motor/gear</u> <u>Power</u>	D: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 		1: SEW WA20 0,25 kW	8 18 34 10 20 47 12 25 59 15 29
			2: SEW WA20 0,37 kW	18 34 20 48 25 59 30
V: Vertical 	L: Left 		3: SEW WA30 0,37 kW	6 15 30 8 18 34 10 20 48 12 25 59
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options —————→

Series 620

Cont. 620-32

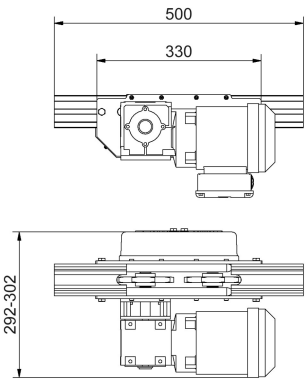
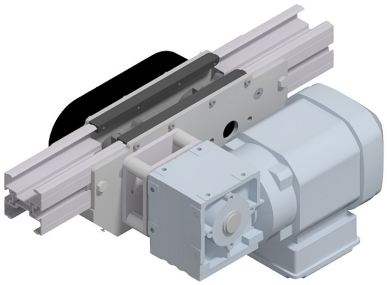
C: Motor/gear Power	D: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45 52
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	52
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46 52
10: Lenze G500-B45 0,37 kW	28 32 37 42	47 54	

C: Motor/gear Power	D: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

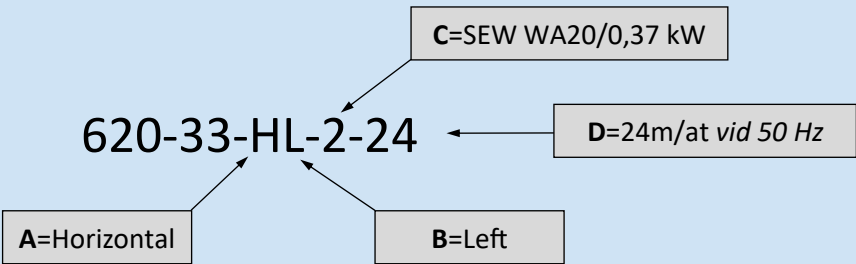
Series 620

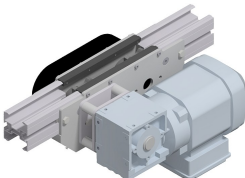
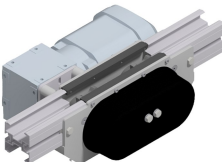
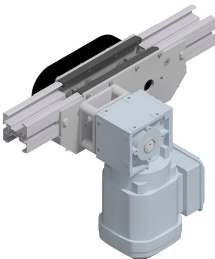
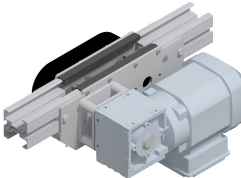
620-33

Catenary drive unit for
circuit conveyor S620.
IP55.
Configuration of default drive
620-33-AB-C-D.



Order example



A: <u>Assembly position</u>	B: <u>Placement</u>	-	C: <u>Motor/gear</u> <u>Power</u>	D: <u>Speed m/min</u> <u>at 50 Hz</u>												
H: Horizontal 	R: Right 		1: SEW WA20 0,25 kW	<table><tr><td>8</td><td>18</td><td>34</td></tr><tr><td>10</td><td>20</td><td>47</td></tr><tr><td>12</td><td>25</td><td>59</td></tr><tr><td>15</td><td>29</td><td></td></tr></table>	8	18	34	10	20	47	12	25	59	15	29	
8	18	34														
10	20	47														
12	25	59														
15	29															
			2: SEW WA20 0,37 kW	<table><tr><td>18</td><td>34</td><td></td></tr><tr><td>20</td><td>48</td><td></td></tr><tr><td>25</td><td>59</td><td></td></tr><tr><td>30</td><td></td><td></td></tr></table>	18	34		20	48		25	59		30		
18	34															
20	48															
25	59															
30																
V: Vertical 	L: Left 		3: SEW WA30 0,37 kW	<table><tr><td>6</td><td>15</td><td>30</td></tr><tr><td>8</td><td>18</td><td>34</td></tr><tr><td>10</td><td>20</td><td>48</td></tr><tr><td>12</td><td>25</td><td>59</td></tr></table>	6	15	30	8	18	34	10	20	48	12	25	59
6	15	30														
8	18	34														
10	20	48														
12	25	59														
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →												

Series 620

Cont. 620-33

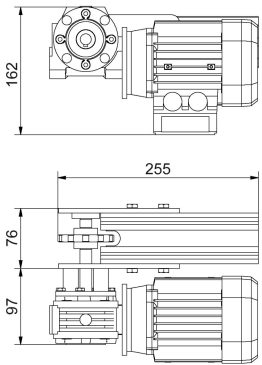
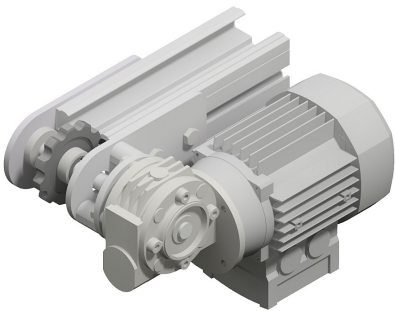
C: Motor/gear Power	D: Speed m/min at 50 Hz		
5: SEW SA37 0,37 kW	8 10 13 16	19 25 27 31	36
6: Lenze G500-B45 0,18 kW	13 15 17 19	21 25 28 31	36 41 45 52
7: Lenze G500-B110 0,18 kW	8 10 12 15	19 21 25 33	38 41
8: Lenze G500-B45 0,25 kW	19 22 25 28	32 36 41 46	52
9: Lenze G500-B110 0,25 kW	11 12 15 19	21 25 27 31	38 42 46 52
10: Lenze G500-B45 0,37 kW	28 32 37 42	47 54	

C: Motor/gear Power	D: Speed m/min at 50 Hz		
11: Lenze G500-B110 0,37 kW	11 13 16 20	22 25 28 32	34 39 43 47
14: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 6-31 m/min		
15: Lenze Smart Motor G500-B45 max 0,47 kW	Adjustable speed 10-50 m/min		
	W Without motor/gear. Assembly position and shaft prepared for selected place- ment.		

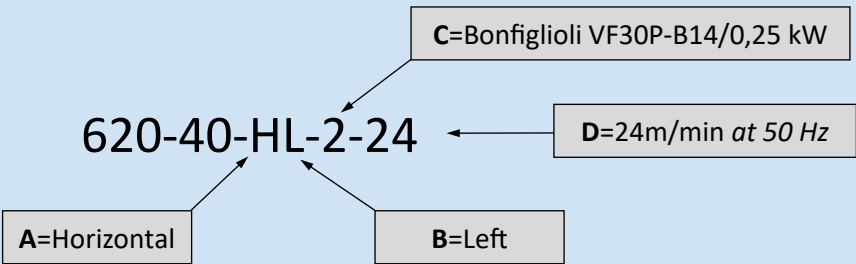
Series 620

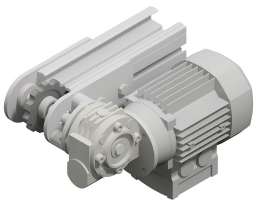
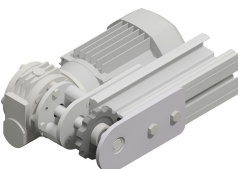
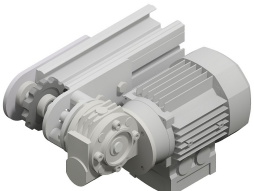
620-40

Drive unit for straight conveyor.
IP55.
Configuration of default drive
620-40-AB-C-D.



Order example



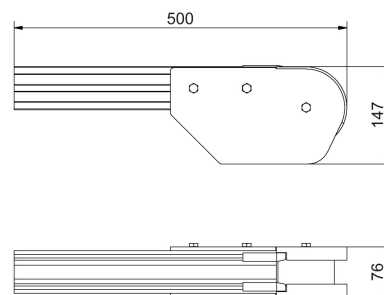
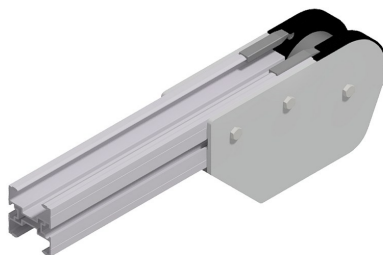
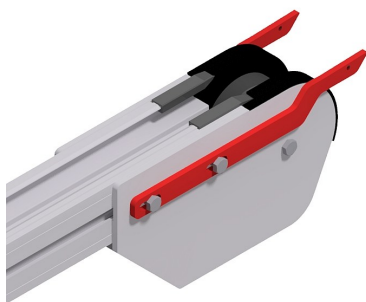
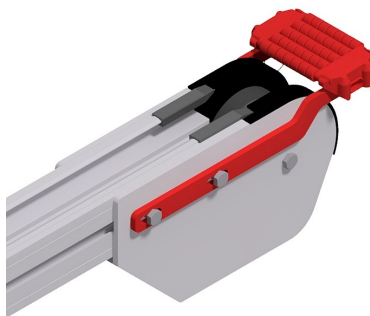
A: <u>Assembly position</u>	B: <u>Placement</u>	-	C: <u>Motor/gear</u> <u>Power</u>	D: <u>Speed m/min</u> <u>at 50 Hz</u>
H: Horizontal 	R: Right 		1: Bonfiglioli VF30P-B5 0,09 kW 7 23 8 30 11 46 15	
			2: Bonfiglioli VF30P-B14 0,25 kW 8 30 11 46 15 23	
V: Vertical 	L: Left 			
				W Without motor/gear. Assembly position and shaft prepared for selected place- ment. More options →

Series 620

Idler unit

Standard idler unit for S620

Weight 2200 g

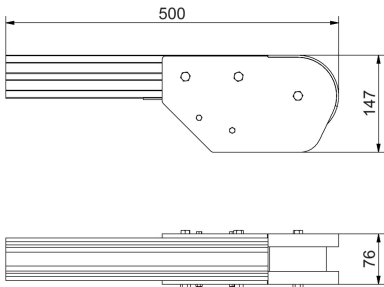
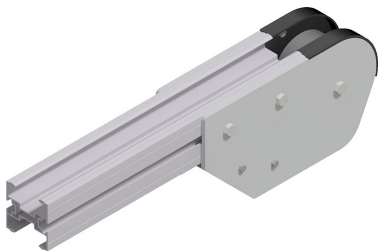
Part no. 620-4005**Bracket for roller transfer and bracket including roller transfer**The following configuration is listed on the existing order number 620-4005- **with one/ or two additional letter**.**D** = 900-7330**DR** = 900-7330 and 900-7400Order example: 620-4005-**D****D****DR**

Series 620

Idler unit

Used as front idler unit for conveyor where drive unit 620-32 is included.
Configuration of idler unit
Part no. 620-4055-A

If needed, roller transfers and brackets can be found on page 126.



Order example

A=620-2000

620-4055-1

A: Conveyor chain			
1: 620-2000 620-2010	2: 620-2189 620-2179	3: 620-2065 620-2135	4: 620-2130

Series 620

Cont. 620-4055-A

Bracket for roller transfer and connecting strip between conveyors

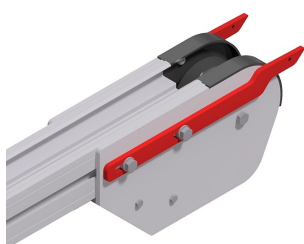
The following configuration is listed on order number 620-4055-A- **with one additional letter**.

D = 900-7112.

E = 900-7120, 7 mm level difference.

Order example: 620-4055-1-**D**

D



E



Bracket for roller transfer and connecting strip including roller transfer

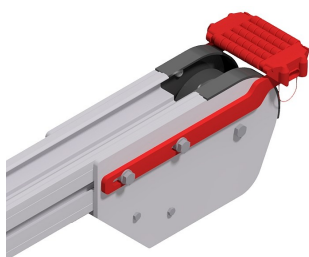
The following configuration is listed on the existing order number 620-4055-A- **with two extra letters**.

DR = 900-7325 and 900-7400

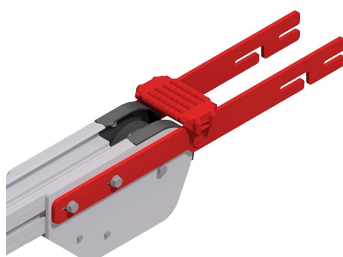
ER = 900-7320 and 900-7400, 7 mm level difference.

Order example: 620-4055-1-**DR**

DR



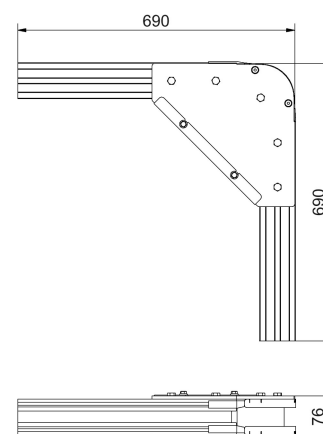
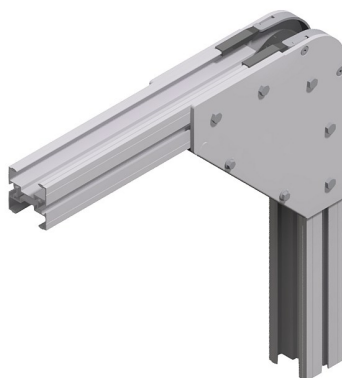
ER



Series 620

Idler unit

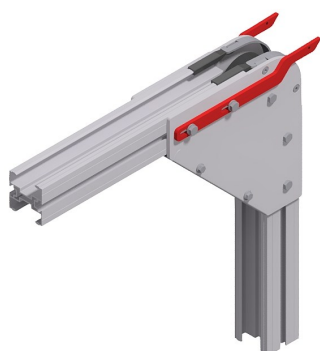
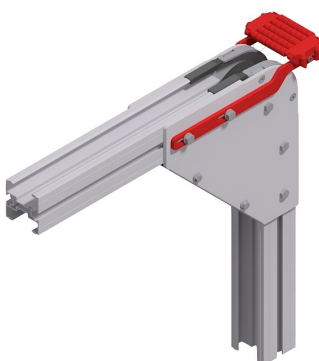
Idler unit 90° for S620

Part no. 16970**Bracket for roller transfer and bracket including roller transfer**

The following configuration is listed on the existing order number 16970- **with one/ or two additional letter**.

D = 900-7330**DR** = 900-7330 and 900-7400

Order example: 16970-D

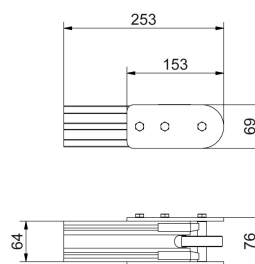
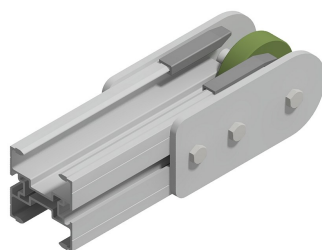
D**DR**

Series 620

Idler unit

Used for straight going chain together with drive 620-40.

Part no. 620-4060



Series 620

Wheel bend

Standard wheel bend S620 with R141 mm
Aluminum profile and wheel in plastic

Configuration of default wheel bend

Part no. 620-5025-A

A= Angle on bend

Standard angles for R141

A = 45°

A = 90°

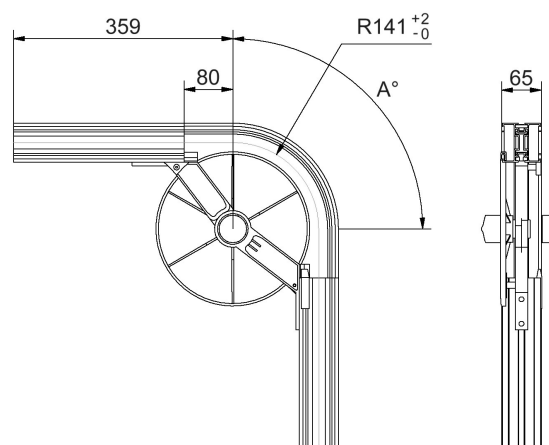
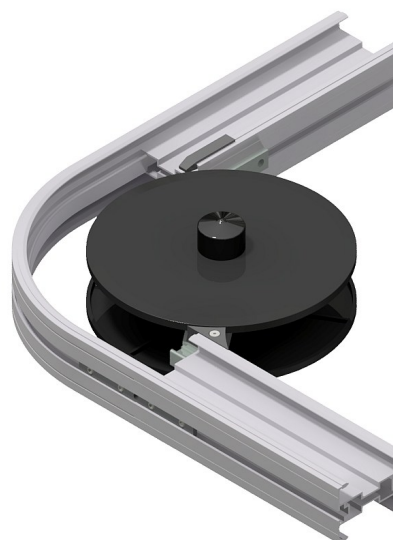
A = 180°

Other angles are manufactured on request
Connecting strip 100-7010 is ordered separately

Order example

620-5025-45

A= 45°



Series 620

Wheel bend

Standard wheel bend S620 with R 191 mm
Aluminum profile and wheel in plastic

Configuration of default wheel bend
Part no. 620-5055-A

A= Angle on bend

Standard angles for R191

A = 45°

A = 90°

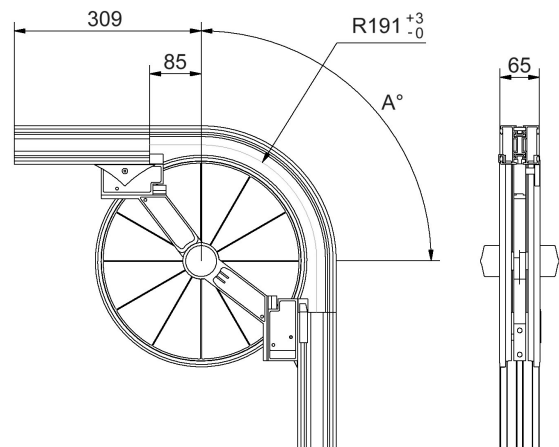
A = 180°

Other angles are manufactured on request
Connecting strip 100-7010 is ordered separately

Order example

620-5055-45

A= 45°



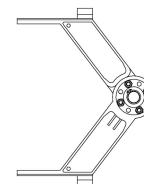
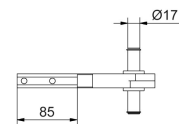
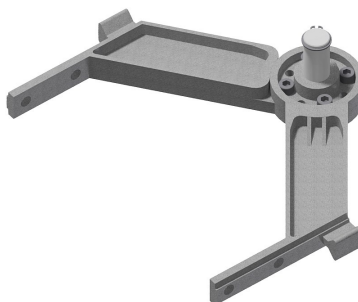
Series 620

Adjustable support assembly

Support assembly for wheel bend R141
S620

Complete with shaft
Zinc die-cast and stainless steel
Weight 690 g

Part no. 830-5026

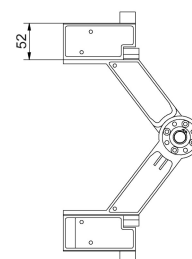
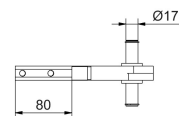


Adjustable support assembly

Support assembly for wheel bend R191
S620

Complete with shaft
Zinc die-cast and stainless steel
Weight 1380 g

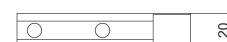
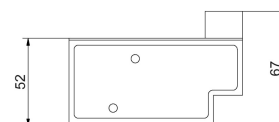
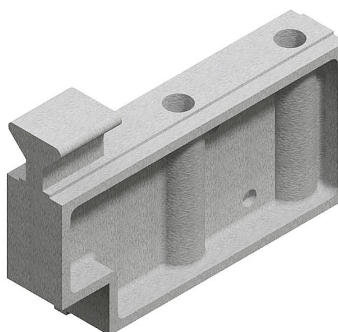
Part no. 830-5056



Spacer

For adjustable support assembly
Zinc die-cast
Weight 240 g

Part no. 830-5057

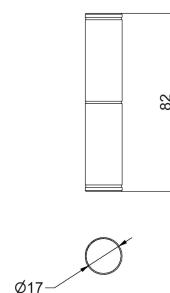


Series 620

Shaft

For wheel bend R141
Stainless steel
Weight 145 g

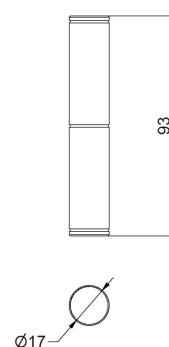
Part no. 830-5028



Shaft

For wheel bend R191
Stainless steel
Weight 165 g

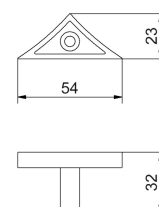
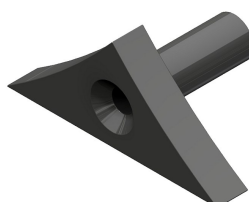
Part no. 830-5058



Pinch guard

For wheel bend R141
Black polyamide
Weight 6 g

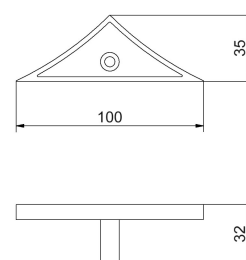
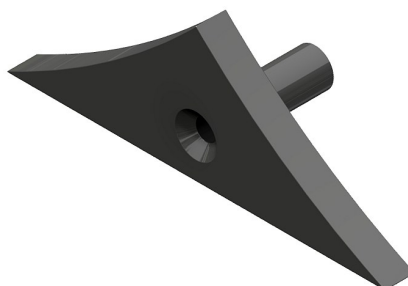
Part no. 830-5029



Pinch guard

For wheel bend R191
Black polyamide
Weight 11 g

Part no. 830-5059



Series 620

Disc

To wheel bend R141
Complete with bearing 6003-2Z
Black nylon

Weight 335 g

Part no. 830-5027

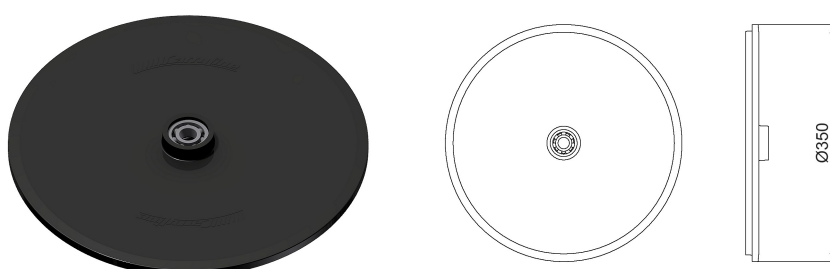


Disc

To wheel bend R191
Complete with bearing 6203-2Z
Black nylon

Weight 825 g

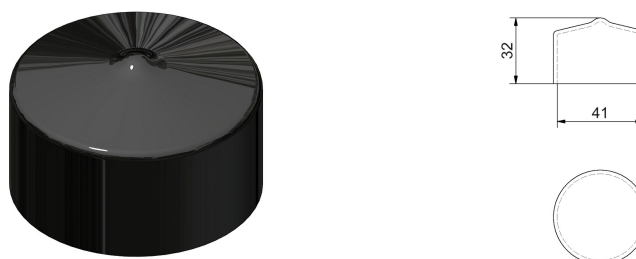
Part no. 830-5060



Plastic cover

To wheel bend Ø252
Black PVC
Weight 11 g

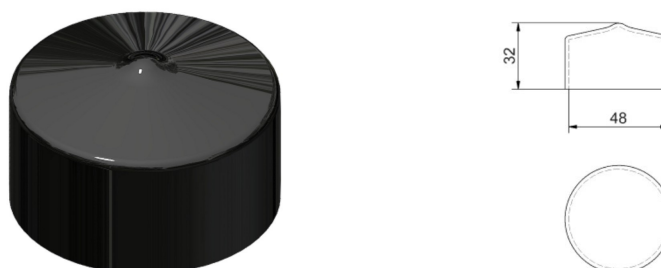
Part no. 830-5031



Plastic cover

To wheel bend Ø350
Black PVC
Weight 15 g

Part no. 830-5062



Series 620

Plain bend

Standard plain bend S620
consists of two aluminum profiles and plastic clamp

Plain bend configuration
Part no. 620-5375-A-B

A= Bend radius
B= Angle on bend
The following radius and angles are standard

A = Radius	B = Angle
191 mm	15°, 30°, 45°, 90°, 180°
289 mm	15°, 30°, 45°, 90°, 180°
389 mm	15°, 30°, 45°, 90°, 180°
489 mm	15°, 30°, 45°, 90°, 180°
589 mm	15°, 30°, 45°, 90°, 180°

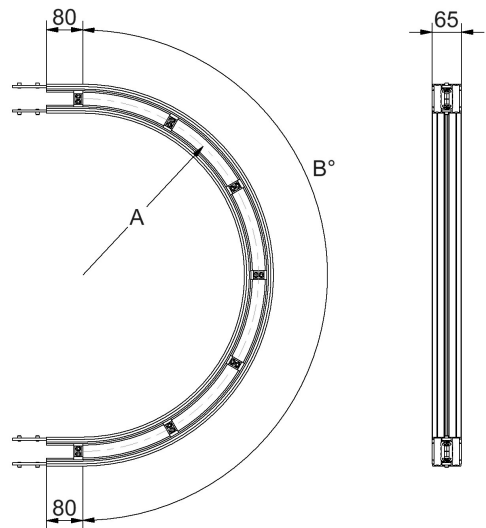
Other radius and angles are manufactured on request

Order example

620-5375-389-90

A= 389 mm

B= 90°



Series 620

Vertical bend

Standard vertical bend R400
Anodized aluminum and curve clamps in plastic

Vertical bend configuration
Part no. 620-5645-A

A= Angle on bend

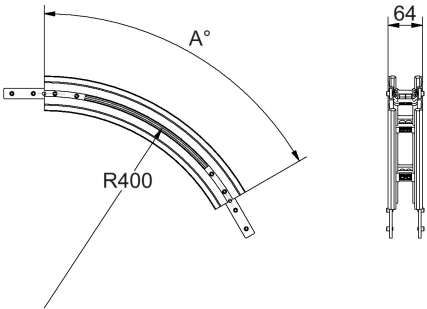
Standard angles for R400
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

Other radius and angles are manufactured on request.
Minimum 10°

Order example

620-5645-45

A= 45°



Series 620

Vertical bend

Standard vertical bend R860
Anodized aluminum and curve clamps in plastic

Vertical bend configuration
Part no. 620-5695-A

A= Angle on bend

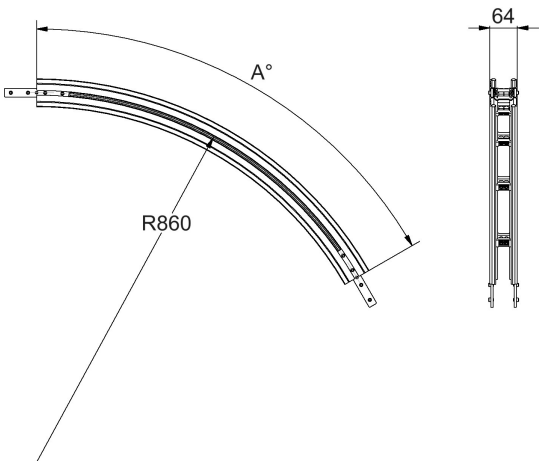
Standard angles for R860
A = 5°
A = 10°
A = 15°
A = 20°
A = 30°
A = 45°
A = 60°
A = 90°

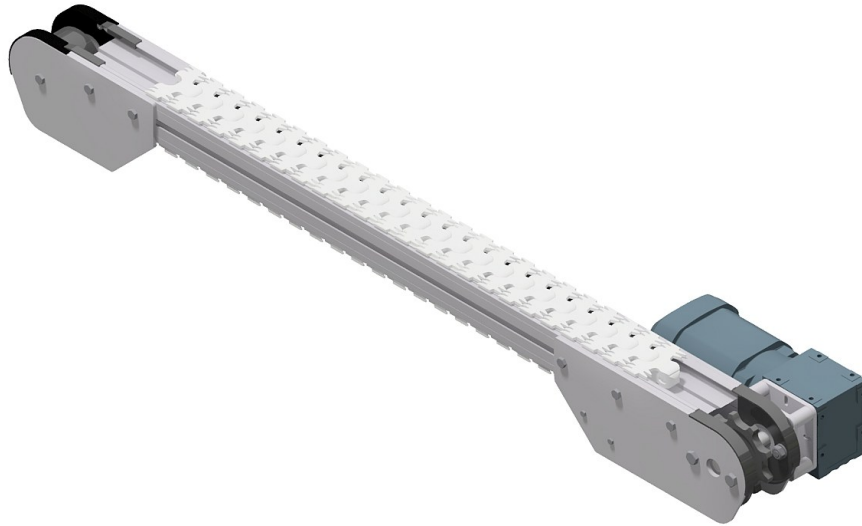
Other radius and angles are manufactured on request.
Minimum 5°

Order example

620-5695-45

A= 45°





S830

