



 STEP-files S380

# S380



Serie 380



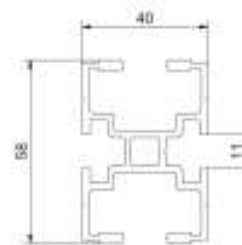
Technical specification S380	
Width of chain	38 mm
Chain pitch	25 mm
Width conveyor profile	40 mm
Height conveyor	75 mm
Radius conveyor chain on the drive and idler unit	40/38 mm
Max. permitted traction on the conveyor chain	420 N
Weight conveyor	≈ 5 kg/m **
Recommended maximum weight on conveyor	≈ 40 kg *
Recommended maximum load	≈ 3 kg/m *
Recommended maximum length of conveyor	≈ 10 m *
Recommended maximum speed	80 m/min
Minimum radius on horizontal bend	R 200 mm
Wheel curve radius	R 100 mm
Vertical bend radius	R 400 mm and R 860 mm
Motor	0,06 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.	

## Serie 380

### Conveyor profile S380

Anodized aluminum  
Weight 1450 g/m  
Length 5.8 m

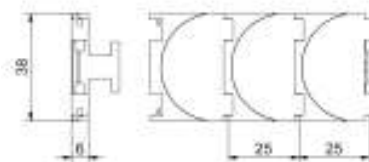
Part no. 380-1000



### Conveyor chain

Slat standard chain for S380  
White acetal, food approved  
Allowed traction force 100 N.  
Weight 280 g/m  
Length 40 st/m

Part no. 380-2000

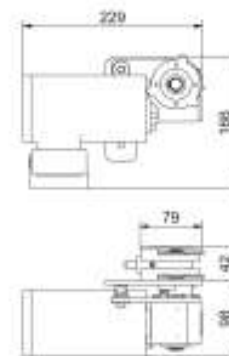


Serie 380

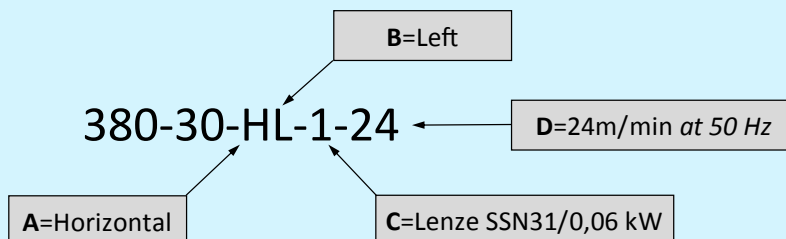
**380-30**





Drive unit with direct transmission S380.  
Configuration of default drive with direct transmission **380-30-AB-C-D**.

Weight without motor 840 g  
Weight with motor 5320 g



Order example



<u>A:</u> <u>Assembly position</u>	<u>B:</u> <u>Placement</u>	-	<u>C:</u> <u>Motor/gear power</u>	<u>D:</u> <u>Speed m/min at 50 Hz</u>												
<b>H:</b> Horizontal 	<b>R:</b> Right 		<b>1:</b> Lenze SSN31 0,06 kW	<table border="1"> <tr><td>3</td><td>8</td><td>21</td></tr> <tr><td>4</td><td>10</td><td>31</td></tr> <tr><td>5</td><td>12</td><td>44</td></tr> <tr><td>6</td><td>16</td><td>62</td></tr> </table>	3	8	21	4	10	31	5	12	44	6	16	62
3	8	21														
4	10	31														
5	12	44														
6	16	62														
				<b>W</b> Without motor/gear. Assembly position and shaft prepared for selected placement.												
<b>V:</b> Vertical 	<b>L:</b> Left 															

Serie 380

**Idler unit**

Standard idler unit to S380  
Weight 240 g

Part no. 380-4000



Serie 380

**Wheel bend**

Standard wheel bend S380 with R100 mm  
Anodized aluminum and wheel in plastic.  
Wheel bend configuration

**Part no. 380-5055-A**

A= Angle on bend

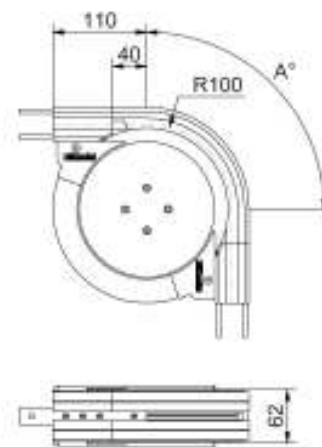
Standard angles for R100
A = 45°
A = 90°
A = 180°

Other angles are manufactured on request

Order example

**380-5055-45**

A= 45°



Serie 380

**Plain bend**

Standard plain bend S380  
 Consists of two aluminum profiles and plastic clamp

Plain bend configuration

**Part no. 380-5375-A-B**

A= Bend radius

B= Angle on bend

The following radius and angles are standard

A = Radius	B = Angle
200 mm	15°, 30°, 45°, 90°, 180°
300 mm	15°, 30°, 45°, 90°, 180°
400 mm	15°, 30°, 45°, 90°, 180°

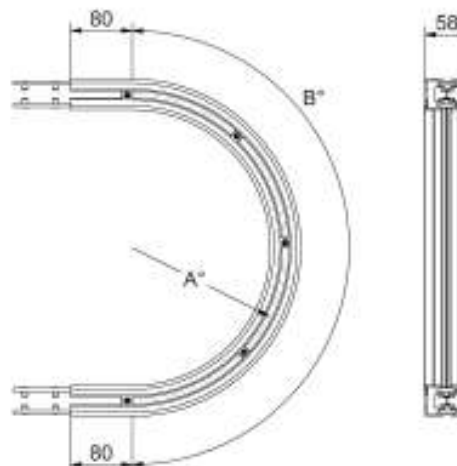
Other radius and angles are manufactured on request

Order example

**380-5375-200-45**

A= 200 mm

B= 45°



Serie 380

**Adjustable support assembly**

Support assembly for wheel bend R100 S380  
 Complete with shaft  
 Anodized aluminum, stainless steel and galvanized fasteners  
 Weight 500 g



**Part no. 380-5056**

**Wheel bend disc**

For wheel bend R100  
 Complete with bearing 6002-2Z  
 Gray PVC and anodized aluminum  
 Weight 520 g



**Part no. 380-5057**

**Shaft**

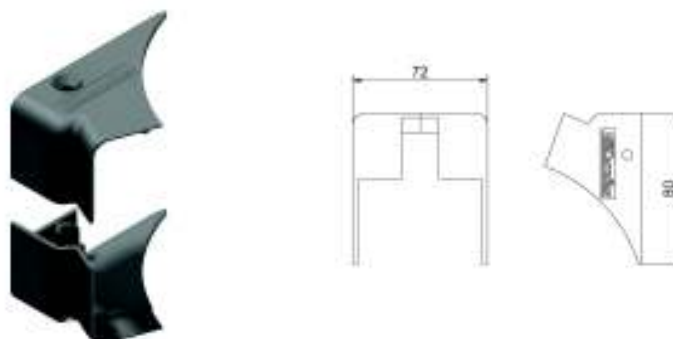
For wheel bend R100  
 Stainless steel  
 Weight 100 g



**Part no. 380-5058**

**Pinch guard**

For wheel bend R100  
 Black polypropylene  
 Delivered in pairs (2pcs)  
 Weight 29 g



**Part no. 380-5060**

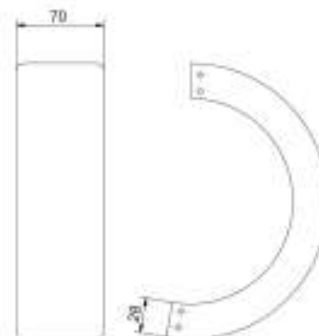


Serie 380

**Pinch guard**

Pinch guard for wheel bend 45° R100  
Black ABS plastic  
Weight 115 g

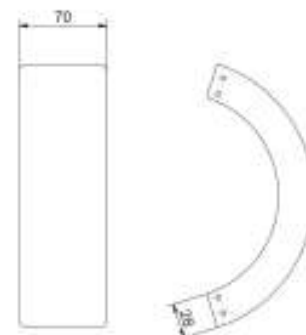
**Part no. 380-5061**



**Pinch guard**

Pinch guard for wheel bend 90° R100  
Black ABS plastic  
Weight 90 g

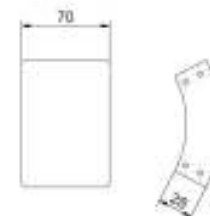
**Part no. 380-5062**



**Pinch guard**

Pinch guard for wheel bend 180° R100  
Black ABS plastic  
Weight 35 g

**Part no. 380-5063**



**Pinch guard**

Pinch guard for wheel bend X° R100  
Black ABS plastic

**Part no. 380-5064**

