

For the following
igus® Series

System E2

● 1500

System E4

● E4.21 (210)

B_a = Outer e-chain® width
 B_i = Inner e-chain® width
 h_a = e-chain® outer height
 H_{Ri} = Inner trough height
 H_{Ra} = Outer trough height
 B_{Ri} = Inner trough width ▶ depends on dim. B_a
 B_{Ra} = Outer trough width

! $H_{Ri} \geq 2 \cdot h_a$
■ $B_{Ri} \geq B_a + 4$

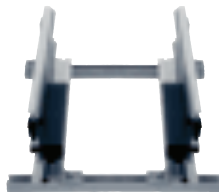
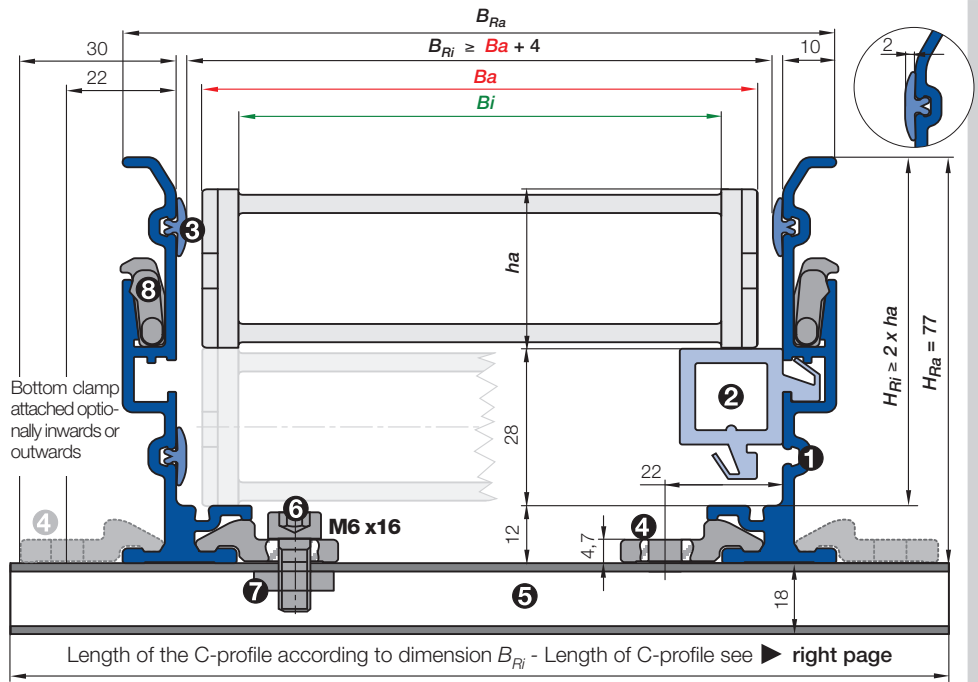
- = Guide trough
- = Glide bar
- = Installation set "Basic"
- = C-profile

Calculation - travel center mounted

Half travel length, rounded down to full 2 m sections = X m guide trough length without glide bars + X m guide trough length with glide bars + installation sets "Basic" (number of trough pieces + 1)

Supplement Part No. with the indicated C-profile-length-index.
Example: 960.30.125

C-profile length-index for your chosen trough inner width B_{Ri} ▶ see table on the right or the respective page for chosen series



- **Components, trough "Basic":** ① Trough side parts, aluminum, 2 m ② Glide bar, plastic, 2 m ③ Glide strips, plastic, 2 m (without glide strips on request)
- **Components, installation set "Basic":** ④ Bottom clamp, aluminum ⑤ C-profile, steel galvanized ⑥ Screw M6 x16 ⑦ Sliding nut M6 ⑧ Interface connector, plastic

Basic version: Aluminum "SuperTrough" components

Complete guide trough sets - description	Part No.	Weight	kg
① Set of 2 trough side parts, incl. glide strips, without glide bars, 2 m section	970.30.SL	≈ 4,20 kg	
① Set of 2 trough side parts, incl. glide strips, with glide bars, 2 m section	970.32.SL	≈ 5,00 kg	
1 Installation set "Basic" without C-profile	960.30	≈ 0,06 kg	
1 Installation set "Basic" with C-profile	960.30. <input type="text"/>		
Single parts - description			
③ 1 Glide strip, individual, 2 m section	75.01	≈ 0,06 kg	
④ 1 Bottom clamp, individual	75.40	≈ 0,03 kg	
⑧ 1 Interface connector, individual	75.60		
⑥ 1 Screw M6 x 16, individual	MAT 0040209		
⑦ 1 Sliding nut M6, individual	MAT 0040057		
② 1 Glide bar, individual, 2 m section	82.79	≈ 0,42 kg	
⑤ 1 C-profile, individual	92.52. <input type="text"/>	≈ 0,90 kg/m	



Order example: Length of travel 30 m - Center mounted for Series E4.21.050.100.0 with $B_{Ri} = 68$

Guide trough set (set of 2 trough side parts, incl. glide strips) **without** glide bar

Order text: 16 m guide trough without glide bar (8 x 2 m sections) Part No. 970.30.SL

Guide trough set (set of 2 trough side parts, incl. glide strips) **with** glide bar

Order text: 16 m guide trough with glide bar (8 x 2 m sections) Part No. 970.32.SL

Installation set "Basic" complete (guide trough-sets + 1)

Order text: 17 installation sets "Basic" Part No. 960.30.125

Option: For an additional noise dampening with

silencer profile, please add Index A Example: Part No. 970.30.SLA

Lengths of C-profile for Basic version - Bottom clamp attached optionally **inwards** or **outwards**

1500

1500.050.035.0

B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.015 33	*	960.30.125
.020 38	*	960.30.125
.025 43	*	960.30.150
.038 56	*	960.30.150
.050 68	960.30.125	960.30.175
.068 86	960.30.150	960.30.175
.080 98	960.30.150	960.30.200
.100 118	960.30.175	960.30.225
.125 143	960.30.200	960.30.250

E4.21 (210)

E4.21.080.100.0

B_{Ri} [mm]	Part No. attached inwards	Part No. attached outwards
.030 48	*	960.30.150
.040 58	960.30.125	960.30.150
.050 68	960.30.125	960.30.175
.060 78	960.30.125	960.30.175
.070 88	960.30.150	960.30.175
.080 98	960.30.150	960.30.200
.100 118	960.30.175	960.30.225
.120 138	960.30.200	960.30.225

*upon request