

For the following igus® Series

System E4

- E4.80/H4.80/R4.80
- 5050/5150/R9850
- 15050/15150/R19850
- 15250/15350

System E6

- E6.80

- 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

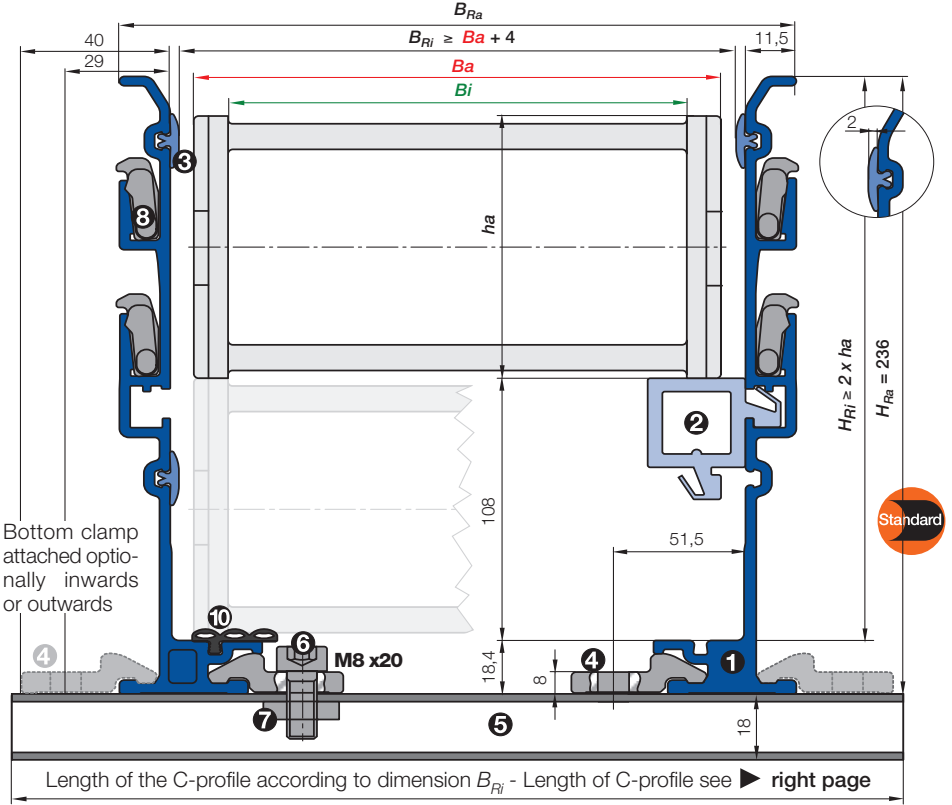
Calculation - travel center mounted

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: 960.50.200

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

Fixed end module - A quick fix for mounting the stationary end of an e-chain® ▶ **page 9.16**



- **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) ⑩ Optional: Silencer profile, rubber
- **Components, installation set "Basic":** ④ Bottom clamp, aluminum ⑤ C-profile, steel galvanized ⑥ Screw M8 x 20 ⑦ Sliding nut M8 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	975.30.SL	≈ 14,0 kg	
① Set of 2 trough side parts, incl. glide strips, with glide bars, 2 m section	975.31.SL	≈ 16,6 kg	
1 Installation set "Basic" without C-profile	960.50	≈ 0,08 kg	
1 Installation set "Basic" with C-profile	960.50.		
Single parts - description			
③ 1 Glide strip, individual, 2 m section	75.01	≈ 0,06 kg	
⑩ 1 Silencer profile, rubber, individual, 2 m section	75.68.H		
④ 1 Bottom clamp, individual	75.50	≈ 0,04 kg	
⑧ 1 Interface connector, individual	75.60		
⑥ 1 Screw M8 x 20, individual	MAT 0040445		
⑦ 1 Sliding nut M8, individual	MAT 0040413		
② 1 Glide bar, individual, 2 m section	83.79	≈ 1,30 kg	
⑤ 1 C-profile, individual	92.52.	≈ 0,90 kg/m	

Order example: Length of travel 30 m - Center mounted for Series 5050.30.300.0 with $B_{Ri} = 345$

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.	975.30.SL
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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.	975.31.SL
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Installation set "Basic" complete (guide trough-sets + 1)

Order text: 17 installation sets "Basic"	Part No.	960.50.425
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Module for the fixed end

Order text: 1 set	Part No.	975.80
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Option: For an additional noise dampening with silencer profile, please add Index A Example:

	Part No.	975.30.SLA
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