

For the following igus® Series

System E2

● 2700

System E2 e-tubes

● R58

E2 medium classic

● 27 classic



Fixed end module

Quick installation of the mounting brackets due to the prepared bores

► page 9.62

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

n_{Mon} = Number of installation sets (left/right)

n_{Ri} = Number of trough sets (left/right)

$H_{Ri} \geq 2 \cdot h_a$

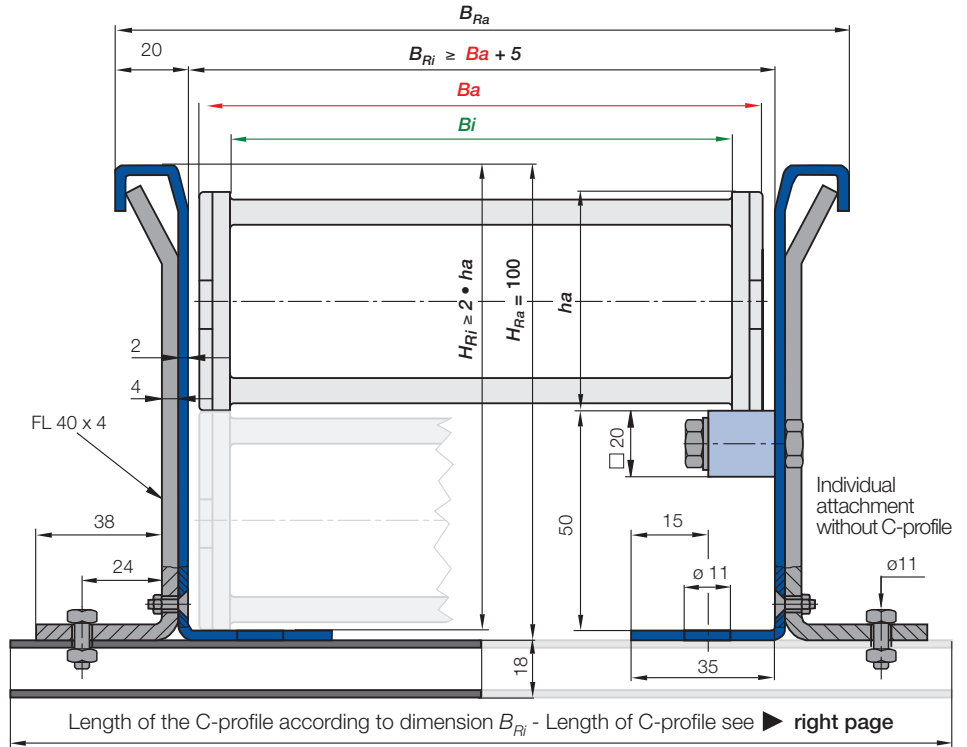
$B_{Ri} \geq B_a + 5$

= Guide trough

= Glide bar

= Installation set

= C-profile



Steel Guide Trough components - Sets and single parts

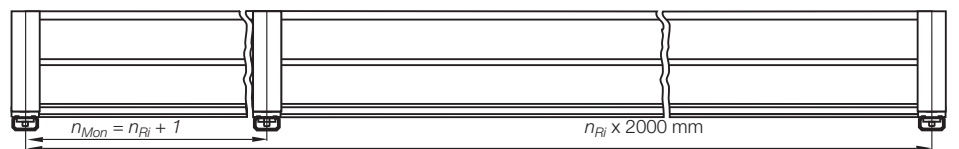
Complete guide trough sets - description	Part No.	Weight	kg
Set of 2 trough side parts without glide bars, 2 m section	95.30	≈ 10,00 kg	
Set of 2 trough side parts with glide bars, 2 m section	95.31	≈ 12,00 kg	
1 Installation set with C-profile	95.50. <input type="text"/>		
1 Installation set without C-profile	95.50	≈ 0,41 kg	
Single parts - description			
1 glide bar, individual, each 2 m	92.01	≈ 0,75 kg	
1 glide bar, individual, each 2 m + 11 screw sets	92.20	≈ 0,98 kg	
11 screw sets for 2 m sections	92.21	≈ 0,23 kg	
1 Clamping bracket, individual	95.51	≈ 0,16 kg	
1 Countersunk-head screw M6 x 14, individual	92.53		
1 Hexagon nut M6, individual	92.54		
1 Hexagon-head screw M10 x 16, individual	92.55		
1 Glide nut M10, individual	92.56		
1 C-profile, individual	92.52. <input type="text"/>	≈ 0,90 kg/m	

Supplement Part No. with the indicated C-profile-length-index. Example: 95.50.

C-profile-length-index for your chosen trough inner width B_{Ri} ► right table

Trough side parts also available in stainless steel. Please add index "E" to the Part No. 95.30.E

Principle sketch: Number of installation sets which have to be installed



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 (number of trough pieces + 1)

Order example: Length of travel 30 m - Center mounted for Series 2700.05.200.0 with $B_{Ri} = 71$

Guide trough-set of 2 trough side parts, without glide bars:	Part No. 95.30
16 m Guide trough = 8 x 2 m sections (without glide bars)	
Guide trough-set of 2 trough side parts, with assembled glide bars:	Part No. 95.31
16 m Guide trough = 8 x 2 m sections (with glide bars)	
Installation sets complete (Guide trough-sets + 1)	Part No. 95.50. <input type="text"/>
17 Installation sets (with C-profile)	

Part No. Installation set: Steel Guide Trough with C-profile (in dependance of the width)

2700

2700.05.200.0

	B_{Ri} [mm]	Part No. Installation set
.05	71	95.50.200
.06	86	95.50.200
.07	96	95.50.225
.09	111	95.50.225
.10	121	95.50.250
.12	146	95.50.275
.15	171	95.50.300
.17	199	95.50.325

R58

58.050.200.0

	B_{Ri} [mm]	Part No. Installation set
.050	71	95.50.200
.075	96	95.50.225
.100	121	95.50.250
.125	146	95.50.275
.150	171	95.50.300
.175	196	95.50.325
.200	221	95.50.350

! The inner width of the guide through and the length of the C-Profile of the assembly kit can differ according to the bracket you choose. Please call us!