

For the following igus® Series

System E2

● 2500

● 255

System E6

● E6.29/R6.29

E2 medium classic

● 250 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)

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

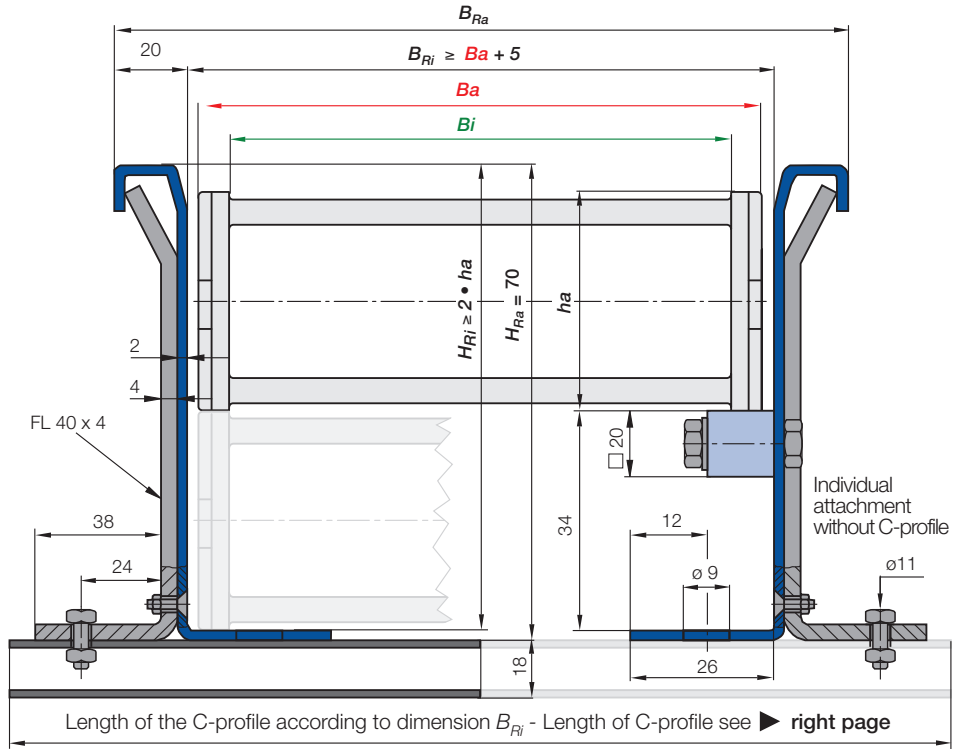
**$B_{Ri} \geq B_a + 5$**

= Guide trough

= Glide bar

= Installation set

= C-profile



### Steel Guide Trough components - Sets and single parts

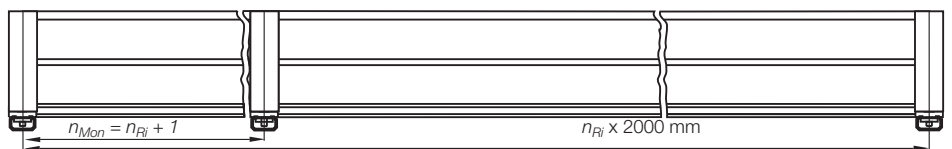
Complete guide trough sets - description	Part No.	Weight	kg
Set of 2 trough side parts <b>without</b> glide bars, 2 m section	92.30	≈ 7,60 kg	
Set of 2 trough side parts <b>with</b> glide bars, 2 m section	92.31	≈ 9,60 kg	
1 Installation set with C-profile	92.50. <input type="text"/>		
1 Installation set without C-profile	92.50	≈ 0,34 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	92.51	≈ 0,12 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: 92.50.175

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. 92.30.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 2500.05.200.0 with  $B_{Ri} = 78$

Guide trough-set of 2 trough side parts, <b>without</b> glide bars:	Part No. 92.30
16 m Guide trough = 8 x 2 m sections (without glide bars)	
Guide trough-set of 2 trough side parts, <b>with</b> assembled glide bars:	Part No. 92.31
16 m Guide trough = 8 x 2 m sections (with glide bars)	
Installation sets complete (Guide trough-sets + 1)	Part No. 92.50.200
17 Installation sets (with C-profile)	

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

### 2500

2500.03.200.0

	$B_{Ri}$	Part No.
	[mm]	Installation set
.02	46	*
.03	59	<b>92.50.175</b>
.05	78	<b>92.50.200</b>
.07	98	<b>92.50.225</b>
.09	110	<b>92.50.225</b>
.10	124	<b>92.50.250</b>
.12	146	<b>92.50.275</b>

### 255

255.03.200.0

	$B_{Ri}$	Part No.
	[mm]	Installation set
.03	59	<b>92.50.175</b>
.05	78	<b>92.50.200</b>
.07	98	<b>92.50.225</b>
.10	124	<b>92.50.250</b>

### E6.29/R6.29

E6.29.040.100.0

	$B_{Ri}$	Part No.
	[mm]	Installation set
.030	51	*
.040	61	<b>92.50.175</b>
.050	71	<b>92.50.200</b>
.060	81	<b>92.50.200</b>
.070	91	<b>92.50.200</b>
.080	101	<b>92.50.225</b>
.090	111	<b>92.50.225</b>
.100	121	<b>92.50.250</b>
.110	131	<b>92.50.250</b>
.120	141	<b>92.50.250</b>

\*upon request

! 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!