

For the following igus® Series

System E4

- E4.32/H4.32/R4.32
- 280/290/R770
- 2828/2928/R7728

System E6

- E6.40/R6.40

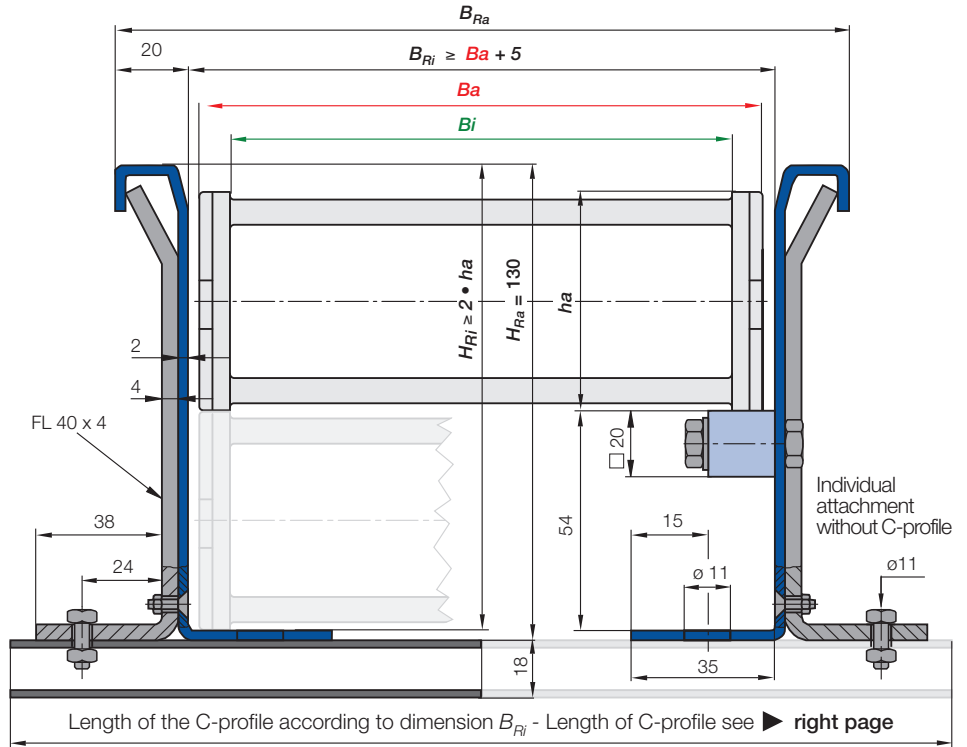


Fixed end module

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

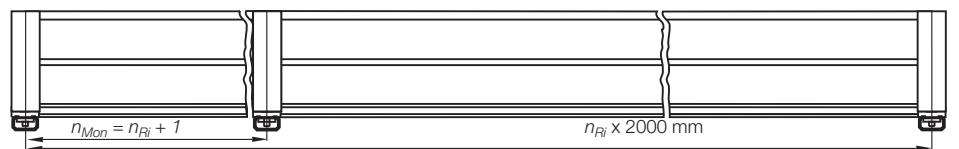
Complete guide trough sets - description	Part No.	Weight	kg
Set of 2 trough side parts without glide bars, 2 m section	97.30	≈ 11,80 kg	
Set of 2 trough side parts with glide bars, 2 m section	97.31	≈ 13,60 kg	
1 Installation set with C-profile	93.50. <input type="text"/>		
1 Installation set without C-profile	93.50	≈ 0,49 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	93.51	≈ 0,20 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: 93.50.

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. 97.30.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 2828.05.200.0 with $B_{Ri} = 79$

Guide trough-set of 2 trough side parts, without glide bars:	Part No. 97.30
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. 97.31
16 m Guide trough = 8 x 2 m sections (with glide bars)	
Installation sets complete (Guide trough-sets + 1)	Part No. 93.50. <input type="text"/>
17 Installation sets (with C-profile)	

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

E4.32/H4.32/R4.32

E4.32.05.200.0

	B_{Ri}	Part No.
	[mm]	Installation set
.05	78	93.50.200
.06	96	93.50.225
.07	103	93.50.225
.087	115	93.50.225
.10	128	93.50.250
.11	136	93.50.250
.112	141	93.50.250
.12	153	93.50.275
.137	166	93.50.275
.15	178	93.50.300
.162	191	93.50.300
.17	196	93.50.325
.18	203	93.50.325
.187	216	93.50.325
.20	228	93.50.350
.212	241	93.50.350
.23	253	93.50.375
.237	266	93.50.375
.25	278	93.50.400
.262	291	93.50.400
.28	303	93.50.425
.29	316	93.50.425
.30	328	93.50.450
.312	341	93.50.450
.325	353	93.50.475
.337	366	93.50.475
.350	378	93.50.500
.362	391	93.50.500
.375	403	93.50.525
.387	416	93.50.525
.400	428	93.50.550

280/290/R770

280.05.200.0

	B_{Ri}	Part No.
	[mm]	Installation set
.05	78	93.50.200
.06	96	93.50.225
.07	103	93.50.225
.087	115	93.50.225
.10	128	93.50.250
.11	136	93.50.250
.112	141	93.50.250
.12	153	93.50.275
.137	166	93.50.275
.15	178	93.50.300
.162	191	93.50.300
.17	196	93.50.325
.18	203	93.50.325
.187	216	93.50.325
.20	228	93.50.350
.212	241	93.50.350
.23	253	93.50.375
.237	266	93.50.375
.25	278	93.50.400
.262	291	93.50.400
.28	303	93.50.425
.29	316	93.50.425
.30	328	93.50.450
.312	341	93.50.450
.325	353	93.50.475
.337	366	93.50.475
.350	378	93.50.500
.362	391	93.50.500
.375	403	93.50.525
.387	416	93.50.525
.400	428	93.50.550

2828/2928/R7728

2828.05.200.0

	B_{Ri}	Part No.
	[mm]	Installation set
.05	79	93.50.200
.06	97	93.50.225
.07	104	93.50.225
.087	116	93.50.225
.10	129	93.50.250
.11	137	93.50.250
.112	142	93.50.250
.12	154	93.50.275
.137	167	93.50.275
.15	179	93.50.300
.162	192	93.50.300
.17	197	93.50.325
.18	204	93.50.325
.187	217	93.50.325
.20	229	93.50.350
.212	242	93.50.350
.23	254	93.50.375
.237	267	93.50.375
.25	279	93.50.400
.262	292	93.50.400
.28	304	93.50.425
.29	317	93.50.425
.30	329	93.50.450
.312	342	93.50.450
.325	354	93.50.475
.337	367	93.50.475
.350	379	93.50.500
.362	392	93.50.500
.375	404	93.50.525
.387	417	93.50.525
.400	429	93.50.550

E6.40/R6.40

E6.40.040.200.0

	B_{Ri}	Part No.
	[mm]	Installation set
.040	65	*
.050	75	93.50.200
.062	87	93.50.200
.070	95	93.50.225
.075	100	93.50.225
.087	112	93.50.225
.100	125	93.50.250
.125	150	93.50.275
.150	175	93.50.300
.175	200	93.50.325
.200	225	93.50.350
.225	250	93.50.375
.250	275	93.50.400
.275	300	93.50.425
.300	325	93.50.450

*upon request