

For the following igus® Series

System E2

- 3500

System E2 e-tubes

- R68

System E4

- E4.42/H4.42/R4.42

- 380/390/R780

- 3838/3938/R7838

System E6

- E6.52/R6.52

E2 medium classic

- 350 classic

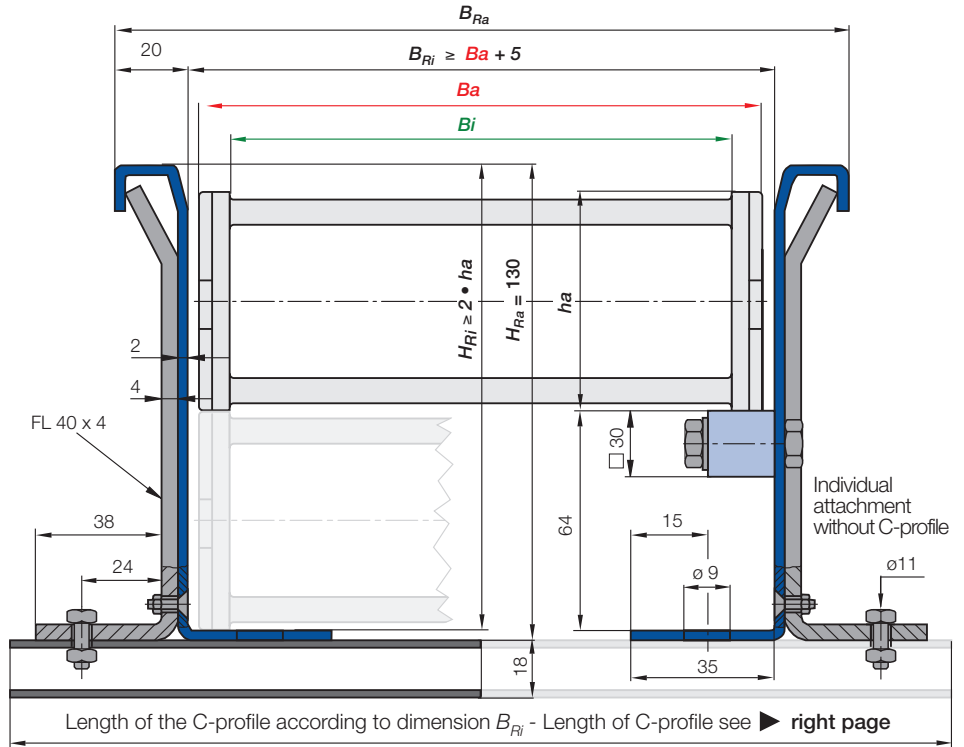


Fixed end module

Quick installation of the mounting brackets due to the prepared bores

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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

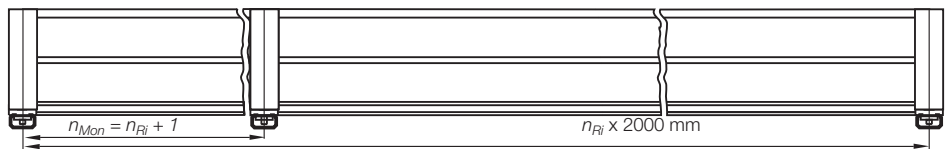
Complete guide trough sets - description	Part No.	Weight	kg
Set of 2 trough side parts without glide bars, 2 m section	93.30	≈ 11,80 kg	
Set of 2 trough side parts with glide bars, 2 m section	93.31	≈ 16,20 kg	
1 Installation set with C-profile	93.50. <input type="text"/>		
1 Installation set without C-profile	93.50	≈ 0,49 kg	
Single parts - description			
1 glide bar, individual, each 2 m	93.01	≈ 1,68 kg	
1 glide bar, individual, each 2 m + 11 screw sets	93.20	≈ 2,22 kg	
11 screw sets for 2 m sections	93.21	≈ 0,54 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. 93.30.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 3500.075.200.0 with $B_{Ri} = 100$

Guide trough-set of 2 trough side parts, without glide bars:	Part No. 93.30
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. 93.31
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)

3500			E4.42/H4.42/R4.42			380/390/R780			3838/3938/R7838			E6.52/R6.52		
3500.050.200.0			E4.42.07.200.0			390.07.200.0			3838.05.200.0			E6.52.040.200.0		
B_{Ri} [mm]	Part No.	Installation set	B_{Ri} [mm]	Part No.	Installation set	B_{Ri} [mm]	Part No.	Installation set	B_{Ri} [mm]	Part No.	Installation set	B_{Ri} [mm]	Part No.	Installation set
.050	75	93.50.200	.05	81	93.50.200	.05	81	93.50.200	.05	82	93.50.200	.040	69	*
.075	100	93.50.225	.06	99	93.50.225	.06	99	93.50.225	.06	100	93.50.225	.050	79	93.50.200
.100	125	93.50.250	.07	106	93.50.225	.07	106	93.50.225	.07	107	93.50.225	.062	91	93.50.200
.115	140	93.50.250	.087	119	93.50.250	.087	119	93.50.250	.087	120	93.50.250	.070	99	93.50.225
.125	150	93.50.275	.10	131	93.50.250	.10	131	93.50.250	.10	132	93.50.250	.075	104	93.50.225
.150	175	93.50.300	.11	139	93.50.250	.11	139	93.50.250	.11	140	93.50.250	.087	116	93.50.225
.175	200	93.50.325	.112	144	93.50.275	.112	144	93.50.275	.112	145	93.50.275	.100	129	93.50.250
.200	225	93.50.350	.12	156	93.50.275	.12	156	93.50.275	.12	157	93.50.275	.125	154	93.50.275
.225	250	93.50.375	.137	169	93.50.300	.137	169	93.50.300	.137	170	93.50.300	.150	179	93.50.300
.250	275	93.50.400	.15	181	93.50.300	.15	181	93.50.300	.15	182	93.50.300	.175	204	93.50.325
			.162	194	93.50.325	.162	194	93.50.325	.162	195	93.50.325	.200	229	93.50.350
			.17	199	93.50.325	.17	199	93.50.325	.17	200	93.50.325	.225	254	93.50.375
			.18	206	93.50.325	.18	206	93.50.325	.18	207	93.50.325	.250	279	93.50.400
			.187	219	93.50.350	.187	219	93.50.350	.187	220	93.50.350	.275	304	93.50.425
			.20	231	93.50.350	.20	231	93.50.350	.20	232	93.50.350	.300	329	93.50.450
			.212	244	93.50.375	.212	244	93.50.375	.212	245	93.50.375			
			.23	256	93.50.375	.23	256	93.50.375	.23	257	93.50.375			
			.237	269	93.50.400	.237	269	93.50.400	.237	270	93.50.400			
			.25	281	93.50.400	.25	281	93.50.400	.25	282	93.50.400			
			.262	294	93.50.425	.262	294	93.50.425	.262	295	93.50.425			
			.28	306	93.50.425	.28	306	93.50.425	.28	307	93.50.425			
			.29	319	93.50.450	.29	319	93.50.450	.29	320	93.50.450			
			.30	331	93.50.450	.30	331	93.50.450	.30	332	93.50.450			
			.312	344	93.50.475	.312	344	93.50.475	.312	345	93.50.475			
			.325	356	93.50.475	.325	356	93.50.475	.325	357	93.50.475			
			.337	369	93.50.500	.337	369	93.50.500	.337	370	93.50.500			
			.350	381	93.50.500	.350	381	93.50.500	.350	382	93.50.500			
			.362	394	93.50.525	.362	394	93.50.525	.362	395	93.50.525			
			.375	407	93.50.525	.375	407	93.50.525	.375	407	93.50.525			
			.387	419	93.50.550	.387	419	93.50.550	.387	420	93.50.550			
			.400	431	93.50.550	.400	431	93.50.550	.400	432	93.50.550			

*upon request