

For the following Series

**System E4 Series:**

- 5050/5150/R9850
- 15050/15150/R19850

**System E6 Series:**

- E6-80/E6-80L

**System E4-1 Series**

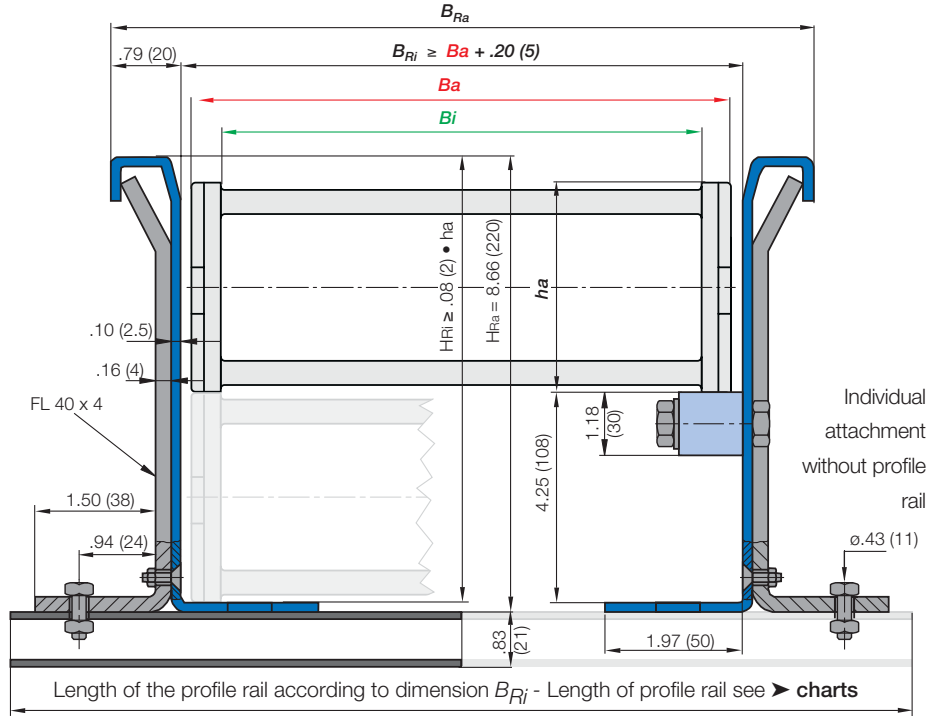
- E4-80/H4-80/R4-80

- $Ba$  = Outer E-Chain® width
- $Bi$  = Inner E-Chain® width
- $ha$  = E-Chain® outer height
- $H_{Ri}$  = Inner trough height
- $H_{Ra}$  = Outer trough height
- $B_{Ri}$  = Inner trough width ▶ depends on dim.  $Ba$
- $B_{Ra}$  = Outer trough width
- $n_{Mon}$  = # of installation sets (left/right)
- $n_{Ri}$  = # of trough set (left/right)

!  $H_{Ri} \geq 2 \cdot ha$   
 $B_{Ri} \geq Ba + 5$

- = Guide trough
- = Glide bar
- = Installation set "Basic"
- = profile rail

Part No. **99-30** - Trough Height: 6.69 in. (170 mm)



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

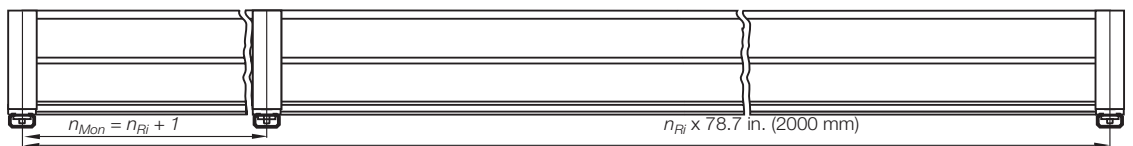
Complete guide trough sets - description	Part No.	Weight lbs
Set of 2 trough side parts <b>without</b> glide bars, each 6.56 ft. (2m)	99-30	43.66
1 Installation set "Basic" <b>with</b> profile rail	96-50-__	
1 Installation set "Basic" <b>without</b> profile rail	96-50	1.63
1 Glide bar set with hardware, each 6.56 ft. (2m) + 22 bolts	93-01	9.95

**Single parts - description**

1 profile rail, individual	92-52-__	.60 lbs/ft
1 Clamping brackets, 2 pcs	96-51	.69
4 Flat-head screws M6 x 20	92-53	
4 Lock nuts M6	92-55	
2 3/8 Slide nuts	92-56	
2 Hex-head bolts 3/8 x 3/4	92-57	
Glide bar hardware only, 22 pcs	93-21	2.67

Supplement Part No. with the indicated profile rail-length-index. **Example: 96-50-175**  
profile rail-length-index for your chosen trough inner width  $B_{Ri}$  ▶ **opposite page**

**Design sketch: Number of installation sets which have to be installed**



#### Part No. Installation set: Steel Guide Trough with profile rail (depending on the width)

5050/5150/R9850			15050/15150/R19850			15250/15350			E6-80		
Width Index	$B_{Ri}$ in. (mm)	Part No. Installation set	Width Index	$B_{Ri}$ in. (mm)	Part No. Installation set	Width Index	$B_{Ri}$ in. (mm)	Part No. Installation set	Width Index	$B_{Ri}$ in. (mm)	Part No. Installation set
-05	4.13 (105)	96-50-225	-05	3.35 (85)	*	-05	3.35 (85)	*	-05	4.13 (105)	96-50-225
-06	4.72 (120)	96-50-250	-07	4.33 (110)	96-50-225	-06	4.06 (103)	96-50-225	-06	4.72 (120)	96-50-250
-07	5.12 (130)	96-50-250	-10	5.31 (135)	96-50-250	-07	4.33 (110)	96-50-225	-07	5.12 (130)	96-50-250
-10	6.10 (155)	96-50-275	-11	5.83 (148)	96-50-275	-087	4.80 (122)	96-50-250	-10	6.10 (155)	96-50-275
-11	6.61 (168)	96-50-300	-12	6.30 (160)	96-50-275	-09	5.20 (132)	96-50-250	-11	6.57 (167)	96-50-300
-12	7.09 (180)	96-50-300	-13	6.81 (173)	96-50-300	-10	5.31 (135)	96-50-250	-12	7.09 (180)	96-50-300
-13	7.60 (193)	96-50-325	-15	7.28 (185)	96-50-300	-11	5.63 (143)	96-50-275	-13	7.56 (192)	96-50-325
-15	8.07 (205)	96-50-325	-16	7.80 (198)	96-50-325	-112	5.83 (148)	96-50-275	-15	8.07 (205)	96-50-325
-16	8.58 (218)	96-50-350	-17	8.27 (210)	96-50-325	-12	6.30 (160)	96-50-275	-16	8.54 (217)	96-50-350
-17	9.06 (230)	96-50-350	-18	8.78 (223)	96-50-350	-137	6.77 (172)	96-50-300	-17	9.06 (230)	96-50-350
-18	9.57 (243)	96-50-375	-20	9.25 (235)	96-50-350	-15	7.28 (185)	96-50-300	-18	9.53 (242)	96-50-375
-20	10.04 (255)	96-50-375	-21	9.76 (248)	96-50-375	-162	7.80 (198)	96-50-325	-20	10.04 (255)	96-50-375
-21	10.55 (268)	96-50-400	-22	10.24 (260)	96-50-375	-17	7.99 (203)	96-50-325	-21	10.51 (267)	96-50-400
-22	11.02 (280)	96-50-400	-23	10.75 (273)	96-50-400	-18	8.27 (210)	96-50-325	-22	11.02 (280)	96-50-400
-23	11.54 (293)	96-50-425	-25	11.22 (285)	96-50-400	-187	8.78 (223)	96-50-350	-23	11.50 (292)	96-50-425
-25	12.01 (305)	96-50-425	-26	11.73 (298)	96-50-425	-20	9.25 (235)	96-50-350	-25	12.01 (305)	96-50-425
-26	12.52 (318)	96-50-450	-27	12.20 (310)	96-50-425	-212	9.76 (248)	96-50-375	-26	12.48 (317)	96-50-450
-27	12.99 (330)	96-50-450	-28	12.72 (323)	96-50-450	-23	10.24 (260)	96-50-375	-27	12.99 (330)	96-50-450
-28	13.50 (343)	96-50-475	-30	13.19 (335)	96-50-450	-237	10.75 (273)	96-50-400	-28	13.46 (342)	96-50-475
-30	13.98 (355)	96-50-475	-31	13.70 (348)	96-50-475	-25	11.22 (285)	96-50-400	-30	13.98 (355)	96-50-475
-31	14.49 (368)	96-50-500	-32	14.17 (360)	96-50-475	-262	11.73 (298)	96-50-425	-31	14.45 (367)	96-50-500
-32	14.96 (380)	96-50-500	-33	14.69 (373)	96-50-500	-28	12.20 (310)	96-50-425	-32	14.96 (380)	96-50-500
-33	15.47 (393)	96-50-525	-35	15.16 (385)	96-50-500	-29	12.72 (323)	96-50-450	-33	15.43 (392)	96-50-525
-35	15.94 (405)	96-50-525	-36	15.67 (398)	96-50-525	-30	13.19 (335)	96-50-450	-35	15.94 (405)	96-50-525
-36	16.46 (418)	96-50-550	-37	16.14 (410)	96-50-525	-312	13.70 (348)	96-50-475	-36	16.42 (417)	96-50-550
-37	16.93 (430)	96-50-550	-38	16.65 (423)	96-50-550	-325	14.17 (360)	96-50-475	-37	16.93 (430)	96-50-550
-38	17.44 (443)	96-50-575	-40	17.13 (435)	96-50-550	-337	14.69 (373)	96-50-500	-38	17.40 (442)	96-50-575
-40	17.91 (455)	96-50-575	-41	17.63 (448)	96-50-575	-350	15.16 (385)	96-50-500	-40	17.91 (455)	96-50-575
-41	18.43 (468)	96-50-600	-42	18.11 (460)	96-50-575	-362	15.67 (398)	96-50-525	-41	18.39 (467)	96-50-600
-42	18.90 (480)	96-50-600	-43	18.62 (473)	96-50-600	-375	16.14 (410)	96-50-525	-42	18.90 (480)	96-50-600
-43	19.41 (493)	96-50-625	-45	19.09 (485)	96-50-600	-387	16.65 (423)	96-50-550	-43	19.37 (492)	96-50-625
-45	19.88 (505)	96-50-625	-46	19.61 (498)	96-50-625	-400	17.13 (435)	96-50-550	-45	19.88 (505)	96-50-625
-46	20.39 (518)	96-50-650	-47	20.08 (510)	96-50-625	*upon request			-46	20.35 (517)	96-50-650
-47	20.87 (530)	96-50-650	-48	20.59 (523)	96-50-650				-47	20.87 (530)	96-50-650
-48	21.38 (543)	96-50-675	-50	21.06 (535)	96-50-650				-48	21.34 (542)	96-50-675
-50	21.85 (555)	96-50-675	-51	21.57 (548)	96-50-675				-50	21.85 (555)	96-50-675
-51	22.36 (568)	96-50-700	-52	22.04 (560)	96-50-675				-51	22.32 (567)	96-50-700
-52	22.83 (580)	96-50-700	-53	22.56 (573)	96-50-700				-52	22.83 (580)	96-50-700
-53	23.35 (593)	96-50-725	-55	23.03 (585)	96-50-700				-53	23.31 (592)	96-50-725
-55	23.82 (605)	96-50-725	-60	25.00 (635)	96-50-750				-55	23.82 (605)	96-50-725
-60	25.79 (655)	96-50-775	*upon request						-60	25.79 (655)	96-50-775

PDF: [www.igus.com/e-chain-pdfs](http://www.igus.com/e-chain-pdfs)  
 Specs/CAD/RFQ: [www.igus.com/e-chains](http://www.igus.com/e-chains)  
 RoHS info: [www.igus.com/RoHS](http://www.igus.com/RoHS)

