



e-chains® | Series 045 | One-piece, non-openable

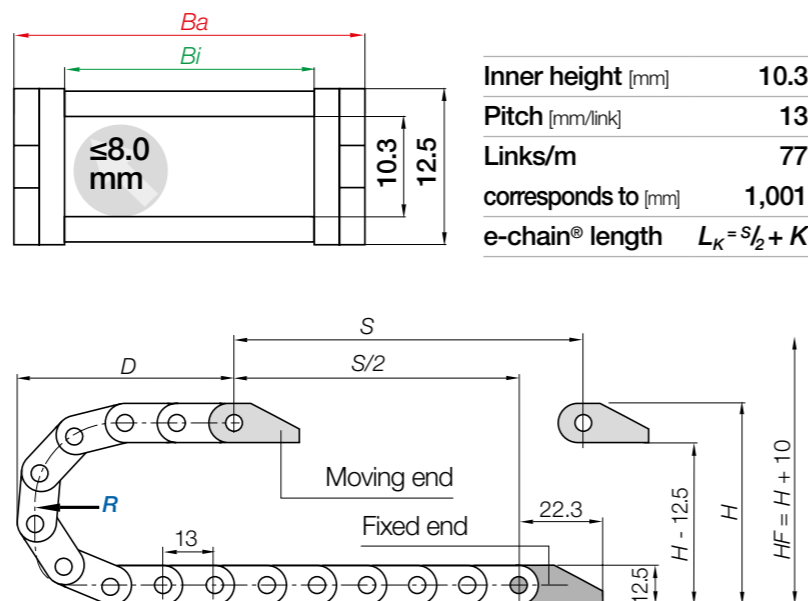
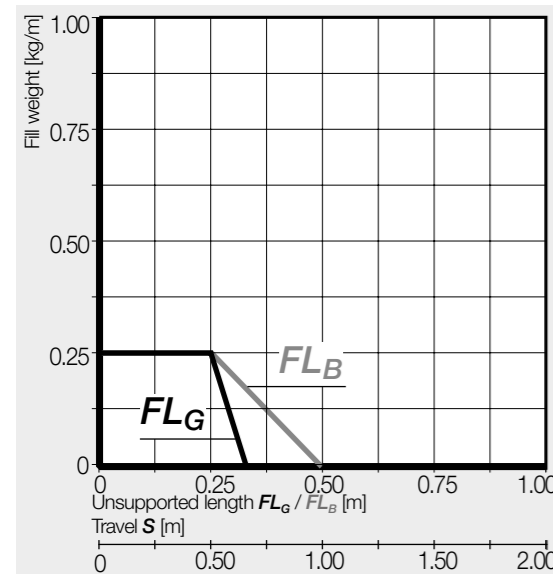
Part No.	Bi	Ba	R Available bend radii	Weight
e-chains®	[mm]	[mm]	[mm]	[kg/m]
045.06 .R.0	6	12	018   028   038   -	≈ 0.09
045.10 .R.0	10	16	018   028   038   -	≈ 0.10
045.16 .R.0	16	22	018   028   038   -	≈ 0.11
045.20 .R.0®	20	26	018   028   038   083	≈ 0.13
045.30 .R.0®	30	36	018   028   038   -	≈ 0.16
045.64 .R.0®	64	70	018   028   038   -	≈ 0.19

\*Radius 083 only for Part No. 045.20.

© RBR version (Reverse Bend Radius), some radii available from stock. More information ▶ From page 130

Complete Part No. with required radius (R). Example: 045.10.028.0

Installation dimensions

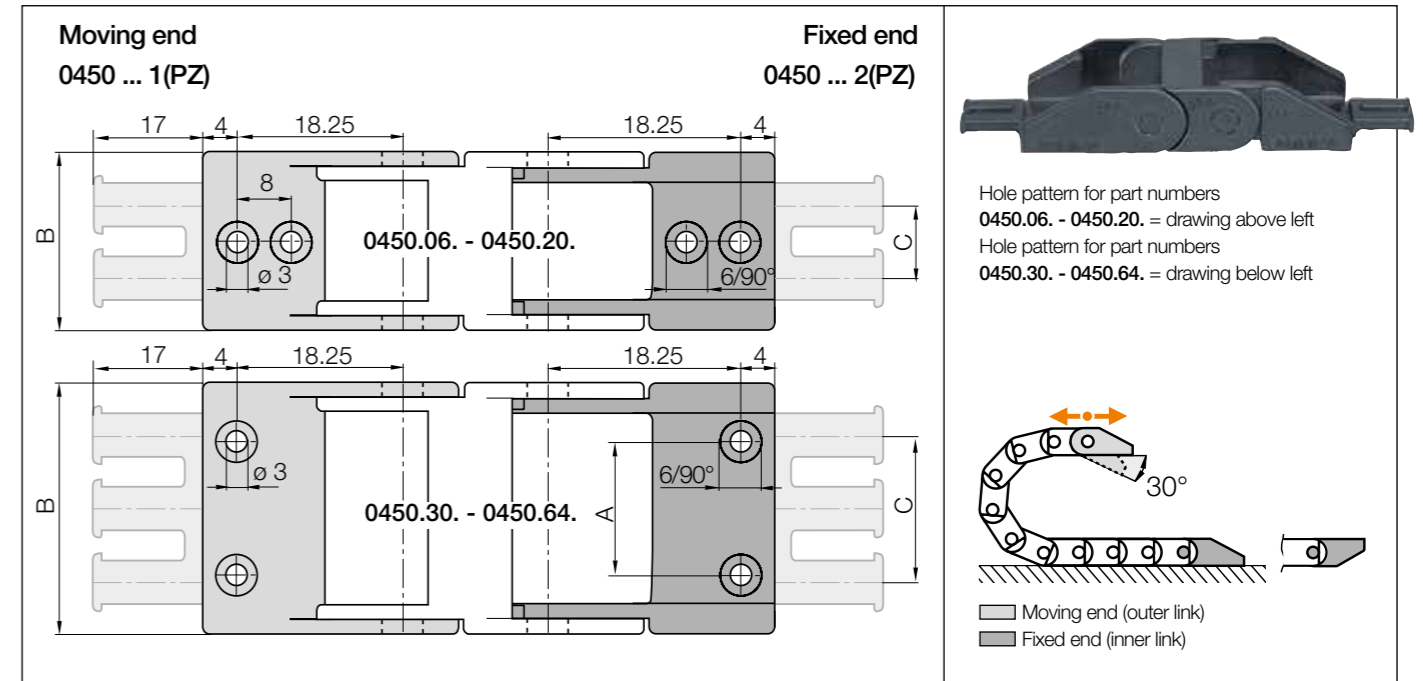


Inner height [mm] 10.3  
 Pitch [mm/link] 13  
 Links/m 77  
 corresponds to [mm] 1,001  
 e-chain® length  $L_k = \frac{S}{2} + K$

R	018	028	038	083*
H	48.5	68.5	88.5	178.5
D	44	54	64	109
K	85	115	150	290

The required clearance height:  $H_F = H + 10\text{mm}$  (with 0.2kg/m fill weight)

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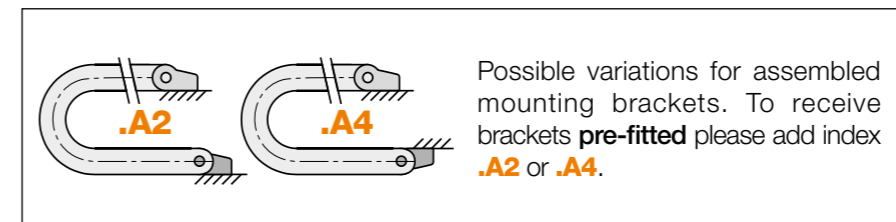


Width index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	A [mm]	B [mm]	C [mm]	Number of teeth
06. ▶	0450.06.12PZ	0450.06.12	-	12	-	1
10. ▶	0450.10.12PZ	0450.10.12	-	16	-	1
16. ▶	0450.16.12PZ	0450.16.12	-	22	10	2
20. ▶	0450.20.12PZ	0450.20.12	-	26	10	2
30. ▶	0450.30.12PZ	0450.30.12	22	36	20	3
64. ▶	0450.64.12PZ	0450.64.12	56	70	50	6

Material mounting bracket - igumid G, temperature: -40° up to +120°C, VDE 0304 IIC UL94-HB

Mounting bracket with strain relief tiewrap plate has reductions of ø 3mm / ø 6mm 90°

Mounting bracket without strain relief tiewrap plate only has holes of ø 3mm



**0450.10.12PZ.A2** Order example  
 .A... to indicate option with brackets pre-fitted  
 With integrated strain relief tiewrap plates  
 Full set  
 Series

Rotating energy supply systems with Reverse Bend Radius (RBR) - some radii available from stock

- Maximum rotation angle in minimal installation space
- Minimal friction forces and maximum service life
- Short delivery times from stock

More information and the complete product range ▶ From page 130

