



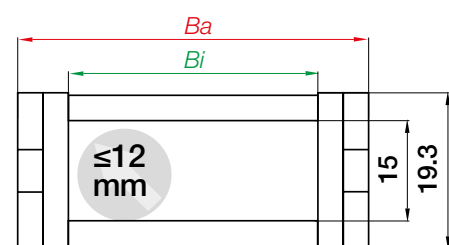
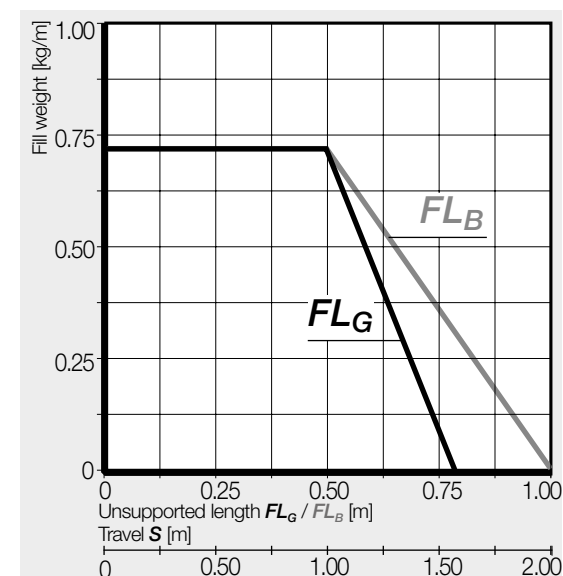
e-chains® | Series 08 | One-piece, non-openable

Part No. e-chains®	Bi [mm]	Ba [mm]	R Available bend radii [mm]	Weight [kg/m]
08.10.R.0	10	18.2	025 028 038 048	≈ 0.21
08.13.R.0	13	21.2	– 028 038 –	≈ 0.23
08.16.R.0®	16	24.2	– 028 038 048	≈ 0.24
08.20.R.0	20	28.2	025 028 038 048	≈ 0.25
08.30.R.0	30	38.2	– 028 038 048	≈ 0.28
08.40.R.0	40	48.2	– 028 038 048	≈ 0.31
08.50.R.0	50	58.2	– 028 038 048	≈ 0.37

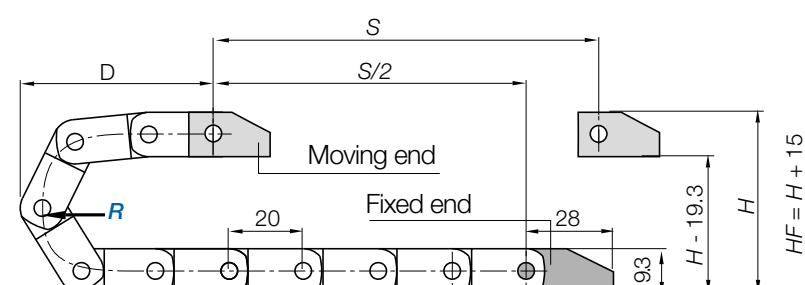
® RBR version (Reverse Bend Radius), some radii available from stock. More information ► From page 130

Complete Part No. with required radius (R). Example: 08.50.038.0

Installation dimensions



Inner height [mm]	15
Pitch [mm/link]	20
Links/m	50
corresponds to [mm]	1,000
e-chain® length	$L_K = S/2 + K$

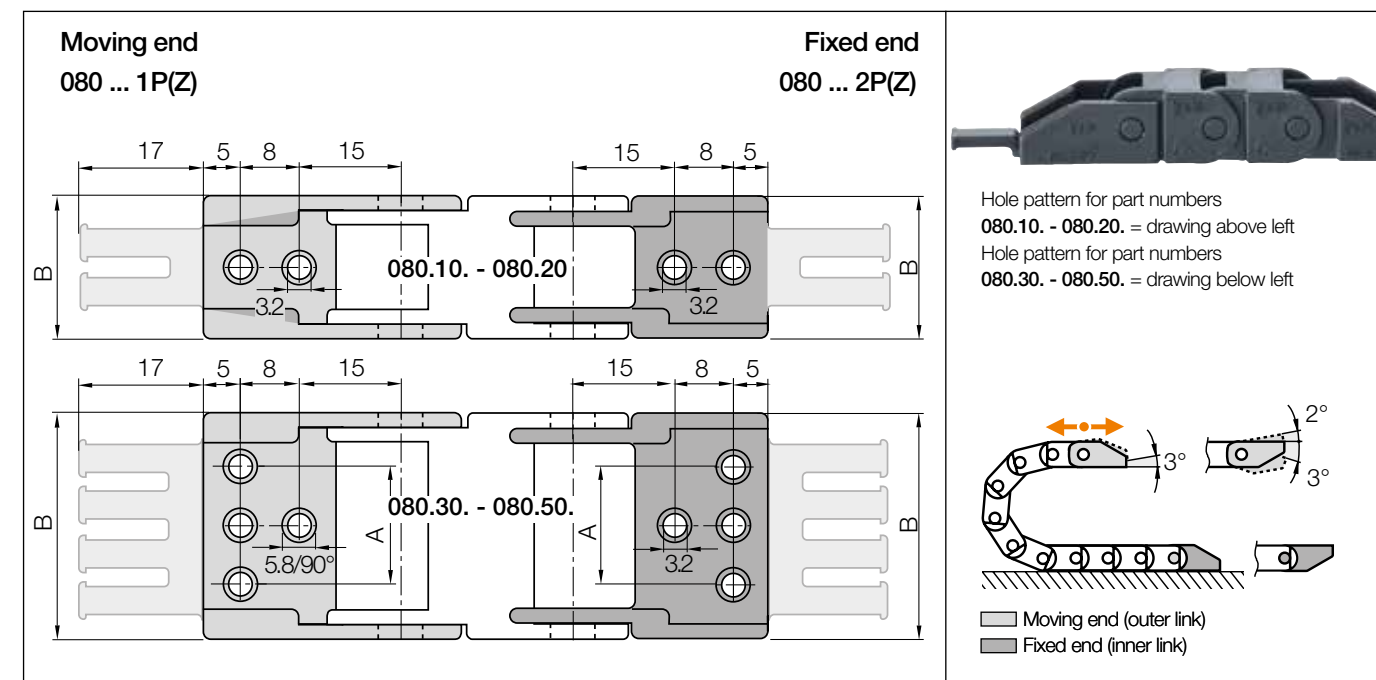


R	025*	028	038	048*
H	69	75	95	115
D	65	68	78	88
K	120	130	160	195

The required clearance height: $H_F = H + 15\text{mm}$ (with 0.3kg/m fill weight)

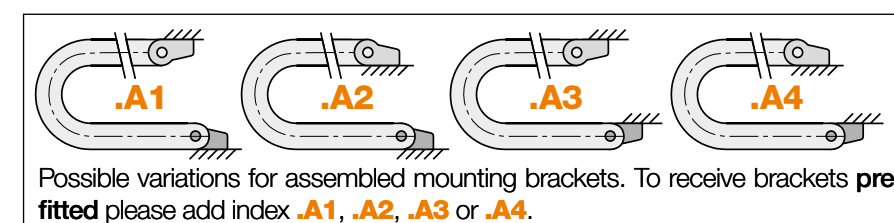
*Radius only available for some widths (please see product range table above)

300 More information ► www.igus.eu/08



Width index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	A [mm]	B [mm]	Number of teeth
10. ►	080.10.12PZ	080.10.12	–	18.2	1
13. ►	–	080.13.12	–	21.2	–
16. ►	080.16.12PZ	080.16.12	–	24.2	2
20. ►	080.20.12PZ	080.20.12	–	28.2	2
30. ►	080.30.12PZ	080.30.12	22	38.2	3
40. ►	080.40.12PZ	080.40.12	32	48.2	4
50. ►	080.50.12PZ	080.50.12	42	58.2	5

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



080.50.12PZ.A1 Order example
 .A... to indicate option with brackets pre-fitted
 With integrated strain relief tiewrap plates
 Full set
 Series

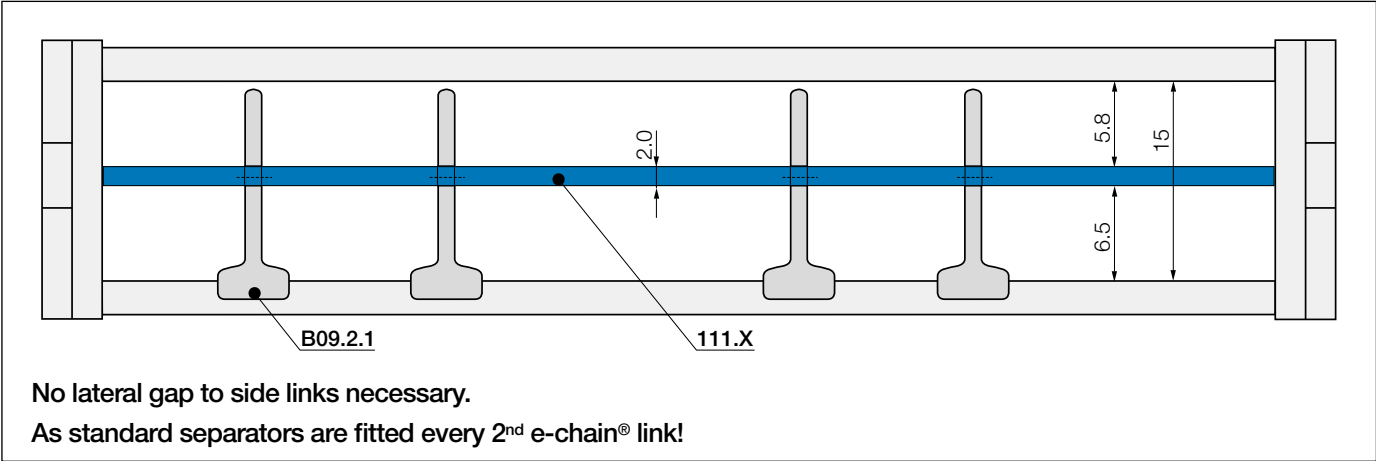
Rotating energy supply systems with Reverse Bend Radius (RBR) - some radii available from stock

- 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



igus 3D CAD, service life calculation, configurators and more ► www.igus.eu/E2micro

301



Slotted separator	
unassembled	B09.2
assembled	B09.2.1

Full-width shelf for e-chains®	
unassembled	110.X
assembled	111.X

Slotted separator
Vertical separation. The slot allows basic vertical/horizontal shelving arrangements.

Full-width shelf
This option is for applications with many small cables with similar diameters. For full-width separation.

Full-width shelves Width = X [mm]	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled	X [mm]	unassembled	assembled
	010	110.10	111.10	020	110.20	111.20	050	110.50	111.50
	013	110.13	111.13	030	110.30	111.30			
	016	110.16	111.16	040	110.40	111.40			



Series 03 - extremely small installation space on a paint-spraying machine