



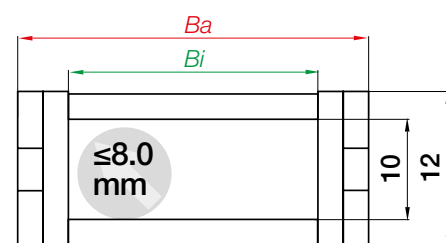
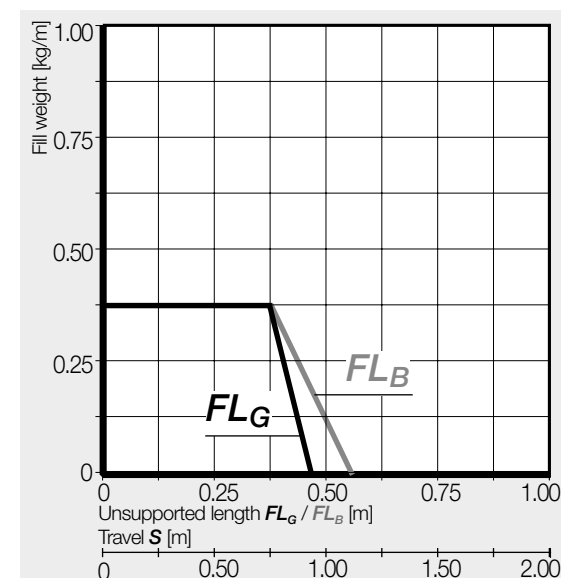
e-chains® | Series 05 | One-piece, non-openable

Part No. e-chains®	Bi [mm]	Ba [mm]	R Available bend radii [mm]	Weight [kg/m]
05.06.R.0	6	10	018 028 038	≈ 0.06
05.10.R.0	10	14	018 028 038	≈ 0.07
05.16.R.0	16	20	018 028 038	≈ 0.07
05.20.R.0	20	24	018 028 038	≈ 0.08
05.30.R.0	30	34	018 028 038	≈ 0.09
05.64.R.0	64	68	018 028 038	≈ 0.19

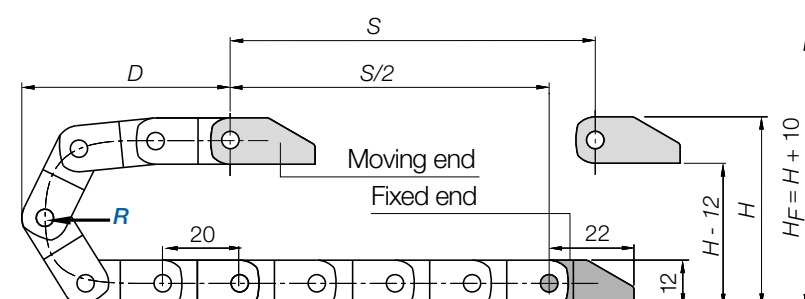
© RBR version (Reverse Bend Radius), some radii available from stock. More information ► From page 130

Complete Part No. with required radius (R). Example: 05.10.028.0

Installation dimensions



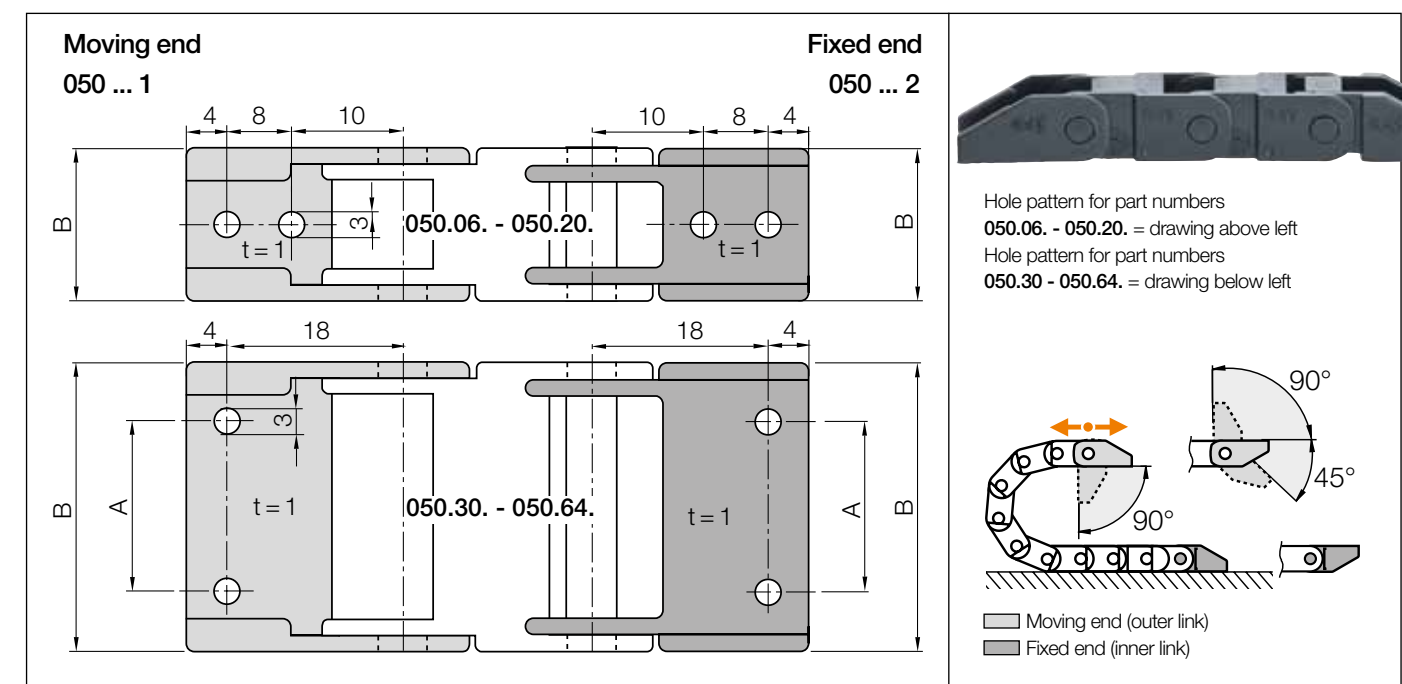
Inner height [mm]	10
Pitch [mm/link]	20
Links/m	50
corresponds to [mm]	1,000
e-chain® length	$L_K = S/2 + K$



R	018	028	038
H	48	68	88
D	54	64	74
K	100	130	160

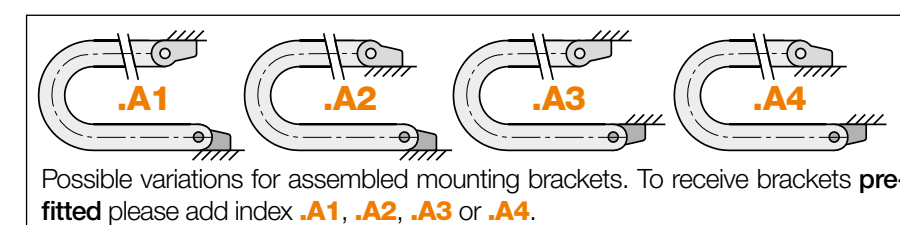
The required clearance height: $H_F = H + 10\text{mm}$ (with 0.2kg/m fill weight)

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Width index	Part No. full set without tie-wrap plates	A [mm]	B [mm]	Number of teeth
06. ►	050.06.12	—	10.7	—
10. ►	050.10.12	—	14.7	—
16. ►	050.16.12	—	20.7	—
20. ►	050.20.12	—	24.7	—
30. ►	050.30.12	22	34.7	—
64. ►	050.64.12	56	68.7	—

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



050.10.12.A2 Order example
 .A... to indicate option with brackets pre-fitted
 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

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