

e-chains® | Series B17i | Openable along the inner radius, from one side
e-chains® | Series B17 | Openable along the outer radius, from one side

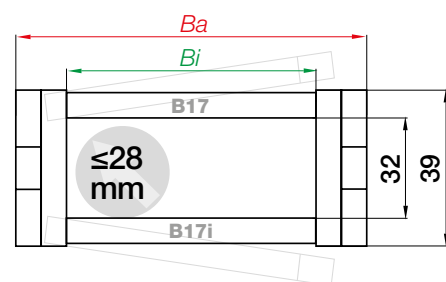
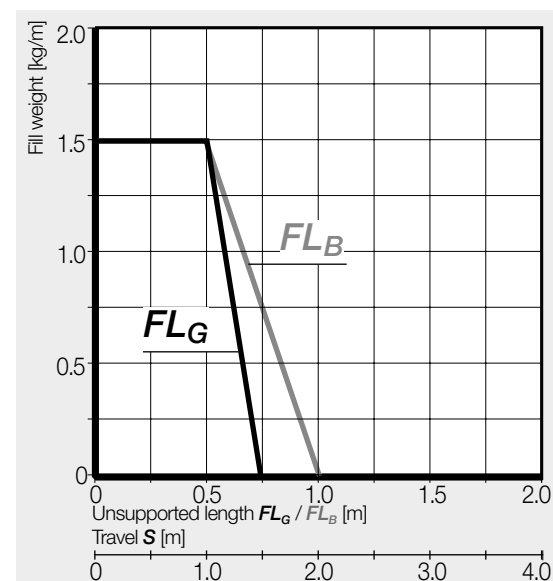
Part No. e-chains® openable along inner radius	Part No. e-chains® openable along outer radius	Bi [mm]	Ba [mm]	R Available bend radii [mm]						Weight [kg/m]
—	B17.1.R.0	15	25.5	048	063	075	100	125		≈ 0.52
B17i.2.R.0	B17.2.R.0	25	35.5	048	063*	075*	100*	125*		≈ 0.59
B17i.3.R.0	B17.3.R.0	38	48.5	048	063	075	100	125		≈ 0.65
B17i.4.R.0	B17.4.R.0	50	60.5	048	063	075	100	125		≈ 0.70
B17i.5.R.0	B17.5.R.0	63	76	048	063	075	100	125		≈ 0.83
—	B17.6.R.0	80	93	048	063	075	100	125		≈ 0.92
—	B17.7.R.0	100	113	048	063	075	100	125		≈ 1.06

*Radii for B17i.2: not available

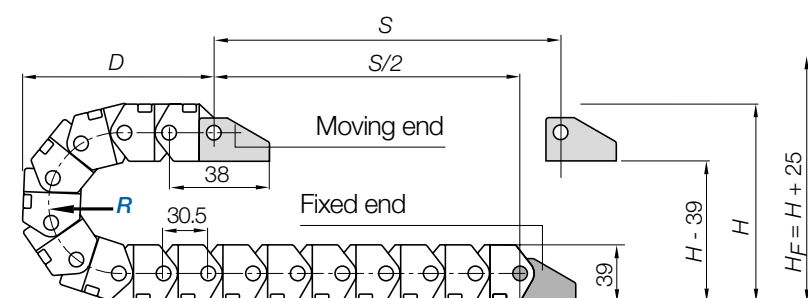
© RBR version (Reverse Bend Radius), some radii available from stock. More information ► From page 130

Complete Part No. with required radius (R). Example: B17.2.048.0

Installation dimensions



Inner height [mm]	32
Pitch [mm/link]	30.5
Links/m	33
corresponds to [mm]	1,006.5
e-chain® length	$L_K = s/2 + K$

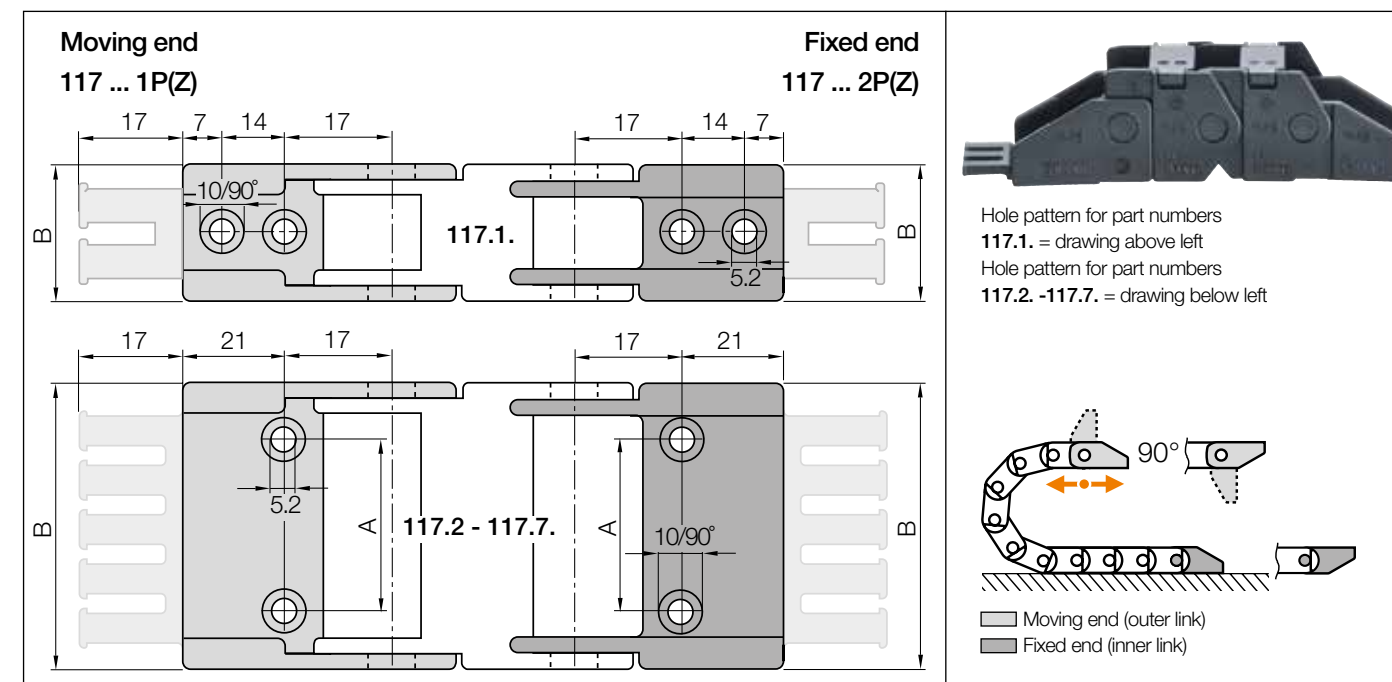


R	048	063*	075*	100*	125*
H	135	165	189	239	289
D	113	128	140	165	190
K	215	260	300	380	455

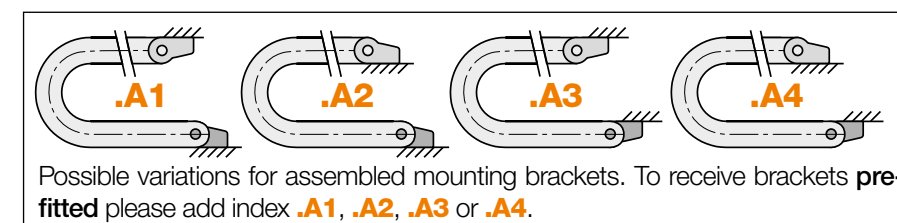
The required clearance height: $H_F = H + 25\text{mm}$ (with 1.5kg/m fill weight)

*Radii for B17i.2: not available

326 More information ► www.igus.eu/B17i ► www.igus.eu/B17



Width index	Part No. full set with tiewrap plates	Part No. full set without tiewrap plates	A [mm]	B [mm]	Number of teeth
1. ►	117.1.12PZ	117.1.12P	—	25.5	2
2. ►	117.2.12PZ	117.2.12P	12	35.5	3
3. ►	117.3.12PZ	117.3.12P	25	48.5	4
4. ►	117.4.12PZ	117.4.12P	37	60.5	5
5. ►	117.5.12PZ	117.5.12P	48	76.0	6
6. ►	117.6.12PZ	117.6.12P	65	93.0	8
7. ►	117.7.12PZ	117.7.12P	85	113	10



117.2.12PZ.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

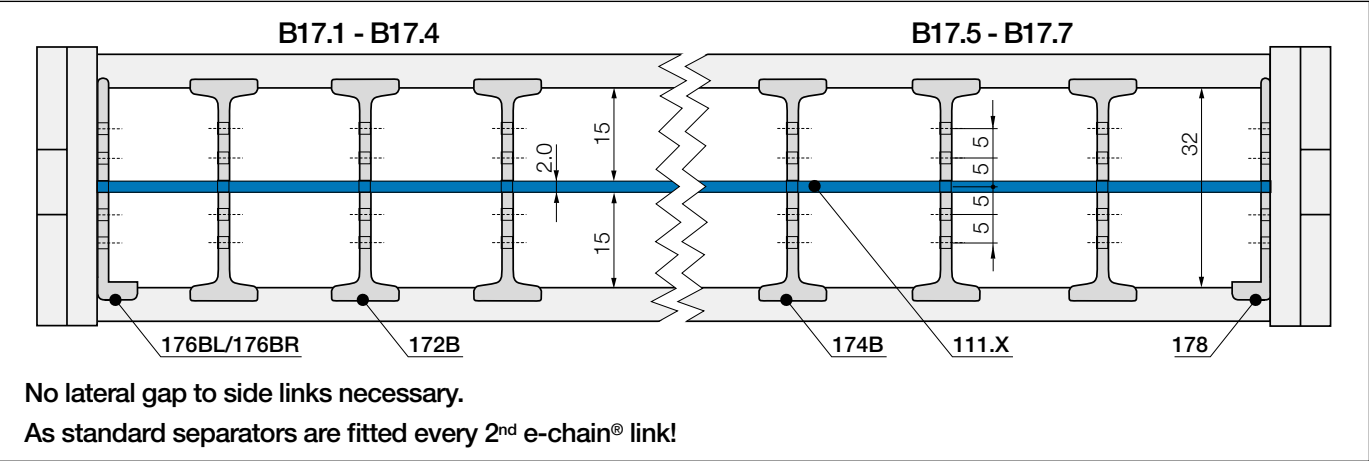
- Maximum rotation angle in minimal installation space
- Minimal friction forces and maximum service life
- Short delivery times from stock

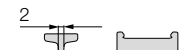
More information and the complete product range ► From page 130



igus 3D CAD, service life calculation, configurators and more ► www.igus.eu/E2mini

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		Slotted separator	
		unassembled	171B
		assembled	172B

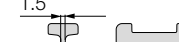
For width index B17.1 up to B17.4
Slotted separator
Vertical separation. The slot allows basic vertical/horizontal shelving arrangements.

		Slotted side plate, left	
		unassembled	175BL
		assembled	176BL

Slotted side plate, left (from B17.2)
Allows modular shelving right up to the side links. No clearance required!

		Slotted side plate, right	
		unassembled	175BR
		assembled	176BR

Slotted side plate, right (from B17.2)
Allows modular shelving right up to the side links. No clearance required!

		Slotted separator	
		unassembled	173B
		assembled	174B

For width index B17.5 up to B17.7
Slotted separator
Vertical separation. The slot allows basic vertical/horizontal shelving arrangements.

		Slotted side plate	
		unassembled	177
		assembled	178

Slotted side plate
Allows modular shelving right up to the side links. No clearance required!

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

For all widths
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
	015	110.15	111.15	050	110.50	111.50	100	110.100	111.100
	025	110.25	111.25	063	110.63	111.63			
	038	110.38	111.38	080	110.80	111.80			



Five E2 mini chains installed above one another and side by side. The bend radii are exactly matched to each other