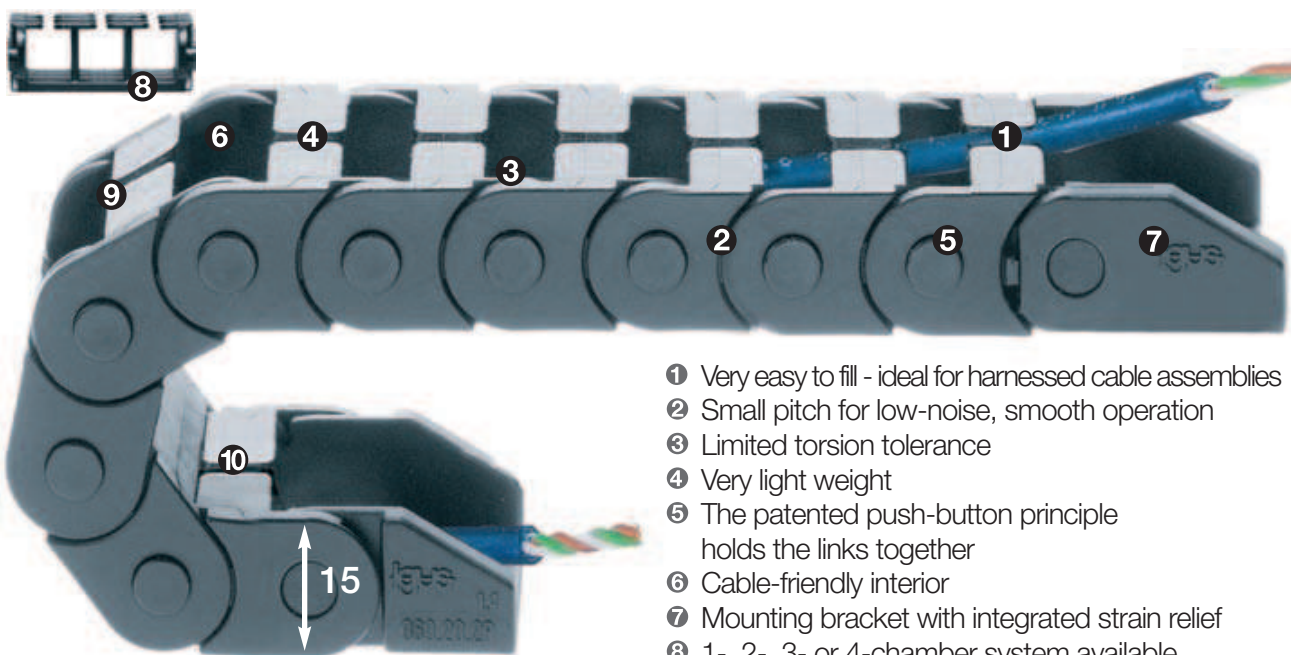




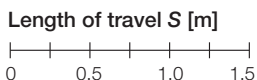
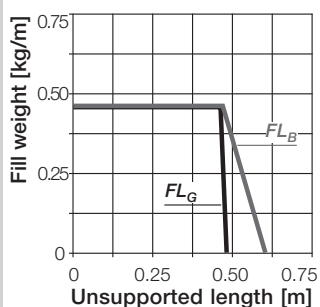
igus® E-ChainSystems®



- ① Very easy to fill - ideal for harnessed cable assemblies
- ② Small pitch for low-noise, smooth operation
- ③ Limited torsion tolerance
- ④ Very light weight
- ⑤ The patented push-button principle holds the links together
- ⑥ Cable-friendly interior
- ⑦ Mounting bracket with integrated strain relief
- ⑧ 1-, 2-, 3- or 4-chamber system available
- ⑨ "E" Series - split crossbar along the outer radius
- ⑩ "Z" Series - split crossbar along the inner radius

Phone +49- (0) 22 03-96 49-800
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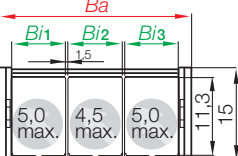
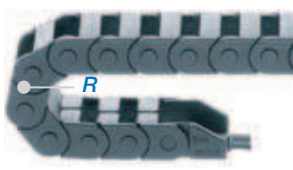
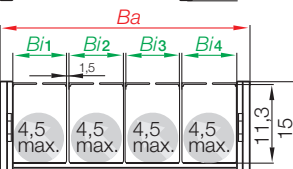
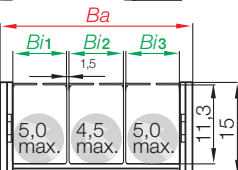
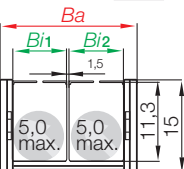
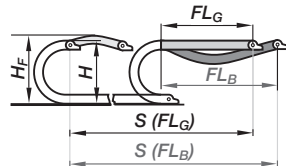
igus® GmbH
51147 Cologne



Unsupported length

FL_G = with straight upper run

FL_B = with permitted sag



Series E065 - split crossbar along the outer radi

Part No.	B_i [mm]	B_a [mm]	R [mm]	Bending Radii
E065.16.□.0*	16	24,8	018 028 038	

*Crossbars does not overlap! Gap: E065.16. = 2,5 mm

Series E065 - 2-chamber system

Part No.	B_{i1}/B_{i2} [mm]	B_a [mm]	R [mm]	Bending Radii
E065.2/9.□.0*	9/9	29,3	018 028 038	

*Crossbars does not overlap! Gap: E065.3/9. = 2,5 mm

Series E065 - 3-chamber system

Part No.	$B_{i1}/B_{i2}/B_{i3}$ [mm]	B_a [mm]	R [mm]	Bending Radii
E065.3/9.□.0*	9/9/9	39,3	018 028 038	

*Crossbars does not overlap! Gap: E065.3/9. = 2,5 mm

Series E065 - 4-chamber system

Part No.	$B_{i1}/B_{i2}/B_{i3}/B_{i4}$ [mm]	B_a [mm]	R [mm]	Bending Radii
E065.4/9.□.0*	9/9/9/9	49,3	018 028 038	

*Crossbars does not overlap! Gap: E065.4/9. = 2,5 mm

Series E065 B_a : pin dimension approx. 0,3 mm wider!

Supplement Part No. with required radius. Example: E065.4/9. **038**.0

Bending radii listed above can be combined with every chain width!

NEW in this catalog

Series Z065 - split crossbar along the inner radi

Part No.	$B_{i1}/B_{i2}/B_{i3}$ [mm]	B_a [mm]	R [mm]	Bending Radii
Z065.3/9.□.0*	9/9/9	39,3	018 028 038	

*Crossbars does not overlap! Gap: Z065.3/9. = 2,5 mm

Series Z065 B_a : pin dimension approx. 0,3 mm wider!

Supplement Part No. with required radius. Example: Z065.3/9. **038**.0

Bending radii listed above can be combined with every chain width!

Part No. structure



E065. 10. 068. 0

Black = standard color, other colors
▶ page 5.65

Bending radius

Width-index

Series



Order example 1,0 m complete E-Chain®

(indicate chain-lengths or number of links)

1,0 m (67 links) Series E065.16.018.0

+ 1 set mounting brackets

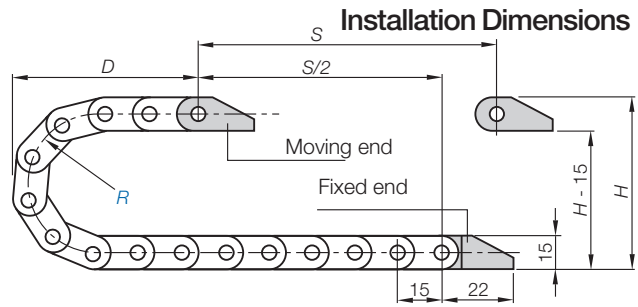
+ tiewrap plate 0650.16.1PZ



Pitch = 15 mm Links per m = 67 Chain length = $\frac{S}{2} + K$

R	018	028	038
H	52	70	90
D	40	50	60
K	86	118	149

The required clearance height is $H_F = H + 10$ mm (with 0,2 kg/m fill weight). Please consult igus® if space is particularly restricted.



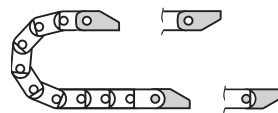
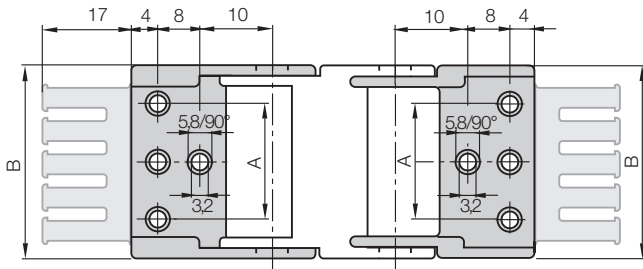
Easy Chain®
Inner height: 11,3 mm

0650...1(PZ)

0650...2(PZ)

Moving end
0650...1(PZ)

Mounting Brackets



0650...2(PZ)
Fixed end

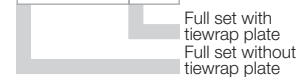


One-piece, polymer
with or without
strain relief tiwrap plates

For E-Chain®	Part No. full set with tiwrap plate	Part No. full set without tiwrap plate	Number of teeth	Dim. A [mm]	Dim. B [mm]
E065.16.	0650.16. 12 PZ	0650.16. 12	2	-	22,5
E065.2/9.	0650.2/9. 12 PZ	0650.2/9. 12	2	-	27
E065-Z065.3/9.	0650.3/9. 12 PZ	0650.3/9. 12	3	22	37
E065.4/9.	0650.4/9. 12 PZ	0650.4/9. 12	4	32	47

Part No. structure

0650.16.12	PZ
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Full set, for both ends:

0650. 16. 12 PZ (+ tiwrap plates)

Single-part order:

0650. 16. 1 PZ (+ tiwrap plates)

Mounting bracket moving end

0650. 16. 2 PZ (+ tiwrap plates)

Mounting bracket fixed end

Tiwrap plates are possible at the moving end and/or the fixed end!



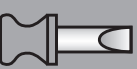
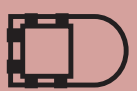
Quicksnap - the complete, detachable mounting unit



Quickfix - mounting bracket with dowel

Additional Features

For more features
▶ see link below



▶ 5.101