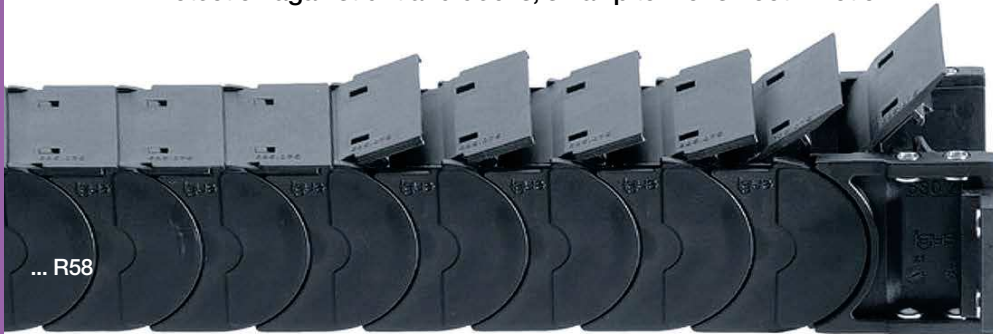


Protection against dirt and debris, small pitch for smooth motion

35



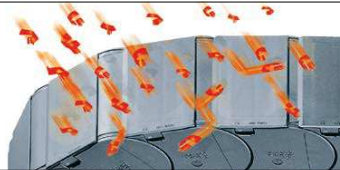
e-tubes | Series R58 | Lids removable along the outer radius

Part No. e-tubes	Bi [mm]	Ba [mm]	R Available bend radii [mm]	R58 [kg/m]
58.050.R.0	50	66	075 100 125 150 200 250	≈ 1.50
58.075.R.0	75	91	075 100 125 150 200 250	≈ 1.77
58.100.R.0	100	116	075 100 125 150 200 250	≈ 2.04
58.125.R.0	125	141	075 100 125 150 200 250	≈ 2.31
58.150.R.0	150	166	075 100 125 150 200 250	≈ 2.61
58.175.R.0	175	191	075 100 125 150 200 250	≈ 2.88
58.200.R.0	200	216	075 100 125 150 200 250	≈ 3.15

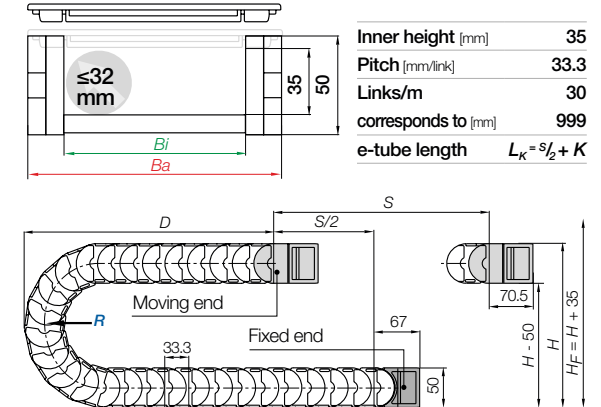
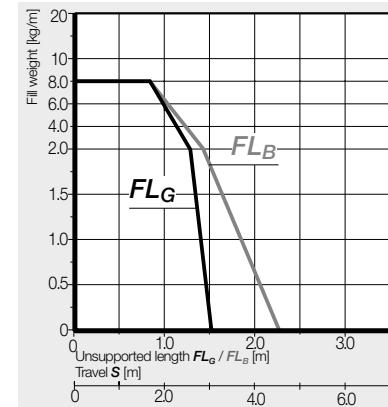
Complete Part No. with required radius (R). Example: 58.100.100.0

Hot swarf up to +850°C for e-tubes

- e-tubes can repel swarf up to +850°C. Special production option with the igus® material igamid HT
 - No hot swarf melting or embedding into the chain
- More information ► www.igus.co.uk/HT



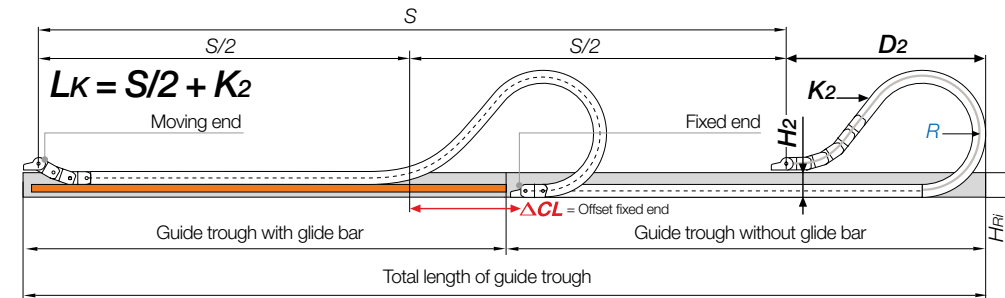
Unsupported applications | Short travels



R	075	100	125	150	200	250
H	200	250	300	350	450	550
D	150	175	200	225	275	325
K	305	385	460	540	695	855

The required clearance height: $H_F = H + 35\text{mm}$ (with 0.5kg/m fill weight)

Gliding applications | For travel lengths from 5m to max. 75m



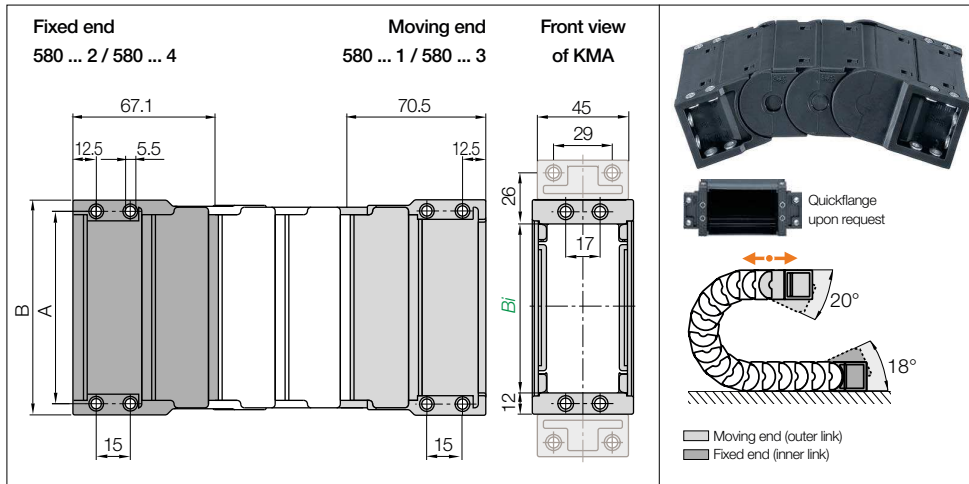
Note: We recommend the project planning of such a system to be carried out by igus®.

In case of travels between 3 and 5m we recommend an e-tube with a longer unsupported length.

If a gliding application is required for a long travel, please consult igus®.

R	075	100	125	150	200	250
H ₂	150	166	166	166	166	166
D ₂	150	310	380	480	800	1,050
K ₂	375	500	699	866	1,265	1,665
ΔCL	*	122	167	247	512	717

*Upon request



KMA pivoting | Recommended for unsupported applications
KMA locking | Recommended for vertical hanging and standing applications

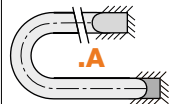
Width index	Part no. full set KMA pivoting	Part No. full set KMA locking	A [mm]	B [mm]	Bi [mm]
050. ▶	580.050.12	580.050.34	62	74	50
075. ▶	580.075.12	580.075.34	87	99	75
100. ▶	580.100.12	580.100.34	112	124	100
125. ▶	580.125.12	580.125.34	137	149	125
150. ▶	580.150.12	580.150.34	162	174	150
175. ▶	580.175.12	580.175.34	187	199	175
200. ▶	580.200.12	580.200.34	212	224	200

(KMA = polymer metal mounting bracket)

The following parts are required for attachment of the mounting brackets:

- Socket head cap bolt M5 DIN 912-8.8 Length depends on the thickness of the attachment base
- Washer 5.3 DIN 125-ST
- Hexagon nut M5 DIN 934-8

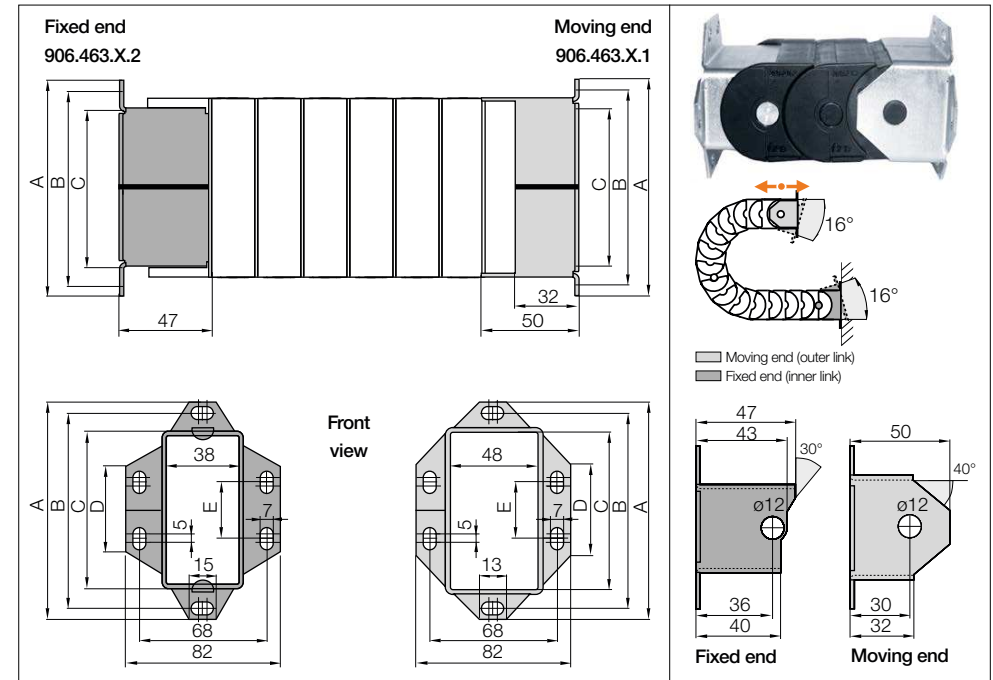
To receive full sets with pre-fitted quickflange please add index QF ▶ For example: Part No. 580.100.12.QF. Unassembled quickflange: Part No. 16800.QF



The bracket orientations are set automatically when using an igus® KMA mounting bracket with attachment from any side. To receive a KMA mounting bracket **pre-fitted** please add index **A**.

- 580.100.12.A** Order example
- Pre-assembled
 - Full set
 - Width index
 - Series

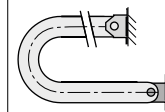
Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392



Steel flange, pivoting | Recommended for unsupported applications

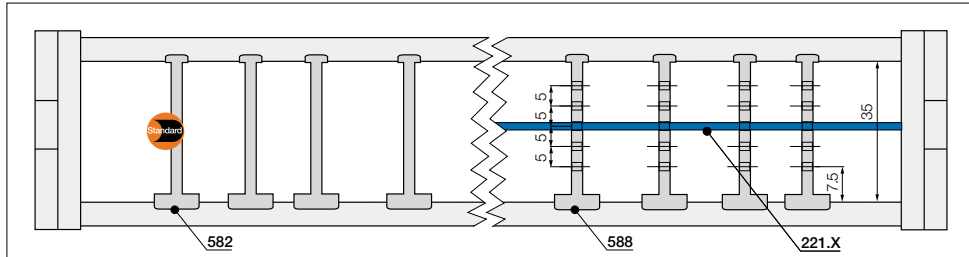
Width index	Hole pattern	Part No. Moving end	Bi [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
050. ▶	58.05	906.463.05.1	50	90.5	78.5	58.3	24.5	20
075. ▶	58.1	906.463.1.1	75	116	104	83.3	50	30

Width index	Hole pattern	Part No. Fixed end	Bi [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
050. ▶	58.05	906.463.05.2	50	90.5	78.5	57.5	28	20
075. ▶	58.1	906.463.1.2	75	116	104	82.5	45	30



Metallic flange brackets with common hole patterns can easily replace alternatives, without having to alter the hole pattern. Flush attachment possibilities at both ends of the e-tube using flange mounting brackets made of steel.

Strain relief e.g. clamps, tiewrap plates, nuggets and clips are available from stock. The complete chainfix range with ordering options ▶ From page 1392



No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-tube link!

Standard separator

unassembled	581
assembled	582

Option 1 | Separators
Standard separator

For simple vertical subdivision. Offers security due to its wide base design, also when used with large cables or hoses.

Slotted separator

unassembled	587
assembled	588

Option 2 | Full-width shelves
Slotted separator

Vertical separation. The slot allows basic vertical and horizontal shelving arrangements.

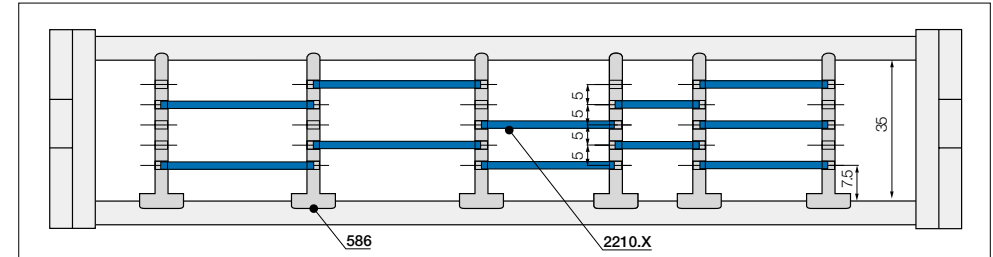
Full-width shelf for e-tubes

unassembled	220.X
assembled	221.X

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]		X [mm]		X [mm]			
	unassembled	assembled	unassembled	assembled	unassembled	assembled		
050	220.50	221.50	125	220.125	221.125	200	220.200	221.200
075	220.75	221.75	150	220.150	221.150			
100	220.100	221.100	175	220.175	221.175			



No lateral gap to side links necessary.
As standard separators are fitted every 2nd e-tube link!

Slotted separator

unassembled	585
assembled	586

Option 3 | Partial shelves
Slotted separator

Allows modular shelving arrangements.

Shelf for e-tubes

unassembled	2200.X
assembled	2210.X

Shelf

For applications involving many cables with different diameters, shelves can be fitted at different heights.

Shelves Width = X [mm]	X [mm]		X [mm]		X [mm]		X [mm]	
	unassembled	assembled	unassembled	assembled	unassembled	assembled	unassembled	assembled
018	2200.18	2210.18	043	2200.43	2210.43	088	2200.88	2210.88
023	2200.23	2210.23	048	2200.48	2210.48	099	2200.99	2210.99
028	2200.28	2210.28	058	2200.58	2210.58	124	2200.124	2210.124
033	2200.33	2210.33	068	2200.68	2210.68	149	2200.149	2210.149
038	2200.38	2210.38	073	2200.73	2210.73			