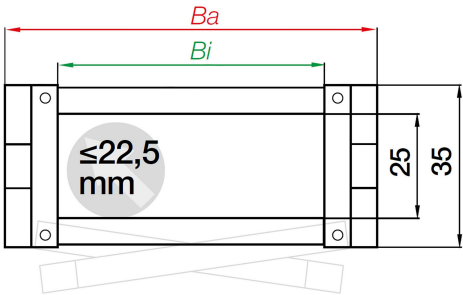
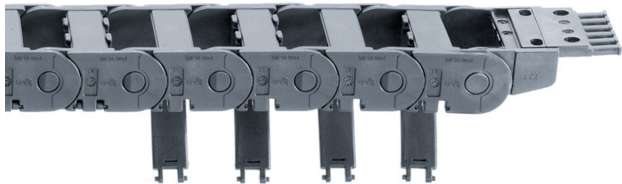


2400 series | Openable from both sides along the inner radius | Inner height: 25mm

2400.05.100.0



2400 series | Openable from both sides along the inner radius | Inner height: 25mm

- Inner height hi: 25mm
- Inner width Bi: 25 - 125mm
- Bend radii R: 55 - 250mm
- Pitch: 46mm
- Openable from both sides (from left and right) along the inner radius
- High strength paired with quieter motion
- Easy and versatile assembly
- Long cable life
- IPA Qualification Certificate - Report IG 0308-295: ISO Class 3, according to DIN EN ISO 14644-1 for system E2/000, series 2500.05.055.0 at v = 2,0m/s

Outer height Ha	35 mm
Inner height [Hi]	25 mm
Inner width [Bi]	57 mm
Max. cable diameter	23 mm
Outer width [Ba]	73 mm

Product description

Introducing the 2400 series from the E2/000 system, designed for versatility and ease of use. This innovative system opens from both sides along the inner radius, featuring an inner height of 25mm. Experience high strength and quieter motion, ensuring long cable life. With a double stop system for large unsupported lengths and modular interior separation, assembly is straightforward. Elevate your projects with the reliable and rugged 2400 series, perfect for various mounting options.

Thermal properties

Temperature e-chain®	-40°C to +120°C
----------------------	-----------------

Dynamic properties

v max. unsupported (speed)	20 m/s
v max. gliding (speed)	10 m/s



Dimensions

Inner height [Hi]	25 mm
Inner width [Bi]	57 mm
Outer height Ha	35 mm
Outer width [Ba]	73 mm
Bend radius [R]	100 mm
Pitch	46 mm
Chain links per metre	22
Max. cable diameter	23 mm
H	235 mm
D	187 mm
K	410 mm
H2	100 mm
D2	380 mm
K2	644 mm
Velocity FLG unsupported max.	20 m/s
Acceleration FLG max.	200 m/s²
Maximum unsupported length	2.25 m

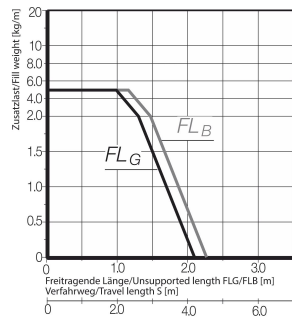
General properties

Opening principle	Openable along inner radius
Maximum fill weight	5 kg/m
Colour	black
Material	igumid G LW
Energy chain system	E2/000
Shipping weight (kg or kg/m)	0.91608
CO2 equivalent per piece	0.2529 kg

Certificates and standards



Additional information and diagrams



The unsupported length depends on fill weight

X axis: unsupported length in m FLB/FLG

Y axis: fill weight in kg/m

Lower scale: travel S in m

FLB = unsupported with permissible sag

FLG = unsupported with straight upper run

Reference example A:

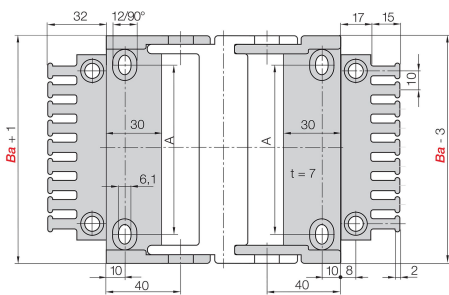
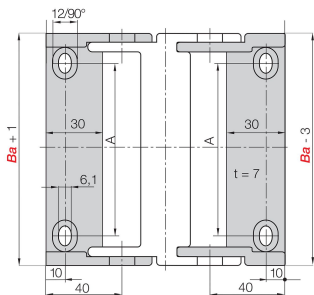
fill weight = 1.5 [kg/m]

unsupported length FLB = 1.7 m

travel = 3.3 m

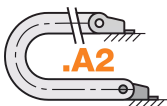
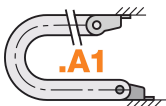


Mounting brackets polymer - pivoting

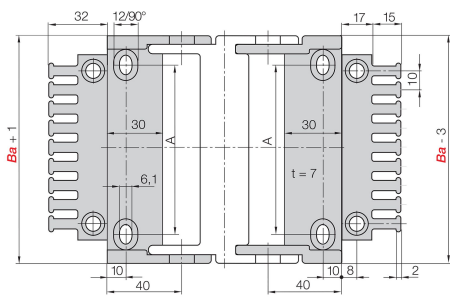
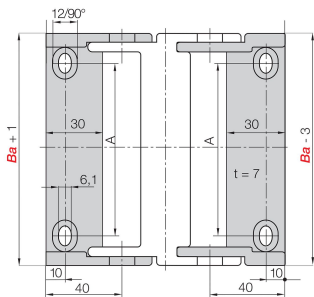


Part number	with tiewrap plates	Mounting type	Alignment (mounting bracket)
2050.34PZ.A1	No	A1	pivoting
2050.34PZ.A2	No	A2	pivoting
2050.34PZ.A3	No	A3	pivoting
2050.34PZ.A4	No	A4	pivoting
2050.34PZB.A1	Yes	A1	pivoting
2050.34PZB.A2	Yes	A2	pivoting
2050.34PZB.A3	Yes	A3	pivoting
2050.34PZB.A4	Yes	A4	pivoting
2050.34PZBK1.A1	Yes	A1	pivoting
2050.34PZBK1.A2	Yes	A2	pivoting
2050.34PZBK1.A3	Yes	A3	pivoting
2050.34PZBK1.A4	Yes	A4	pivoting

Mounting type

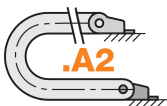
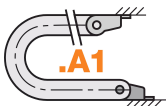


Mounting brackets polymer - fixed

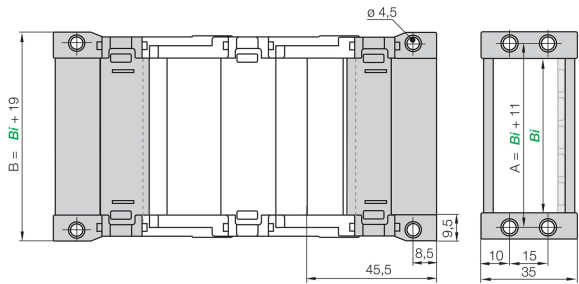


Part number	with tiewrap plates	Mounting type	Alignment (mounting bracket)
2050.12PZ.A1	No	A1	fixed
2050.12PZ.A2	No	A2	fixed
2050.12PZ.A3	No	A3	fixed
2050.12PZ.A4	No	A4	fixed
2050.12PZB.A1	Yes	A1	fixed
2050.12PZB.A2	Yes	A2	fixed
2050.12PZB.A3	Yes	A3	fixed
2050.12PZB.A4	Yes	A4	fixed
2050.12PZBK1.A1	Yes	A1	fixed
2050.12PZBK1.A2	Yes	A2	fixed
2050.12PZBK1.A3	Yes	A3	fixed
2050.12PZBK1.A4	Yes	A4	fixed

Mounting type

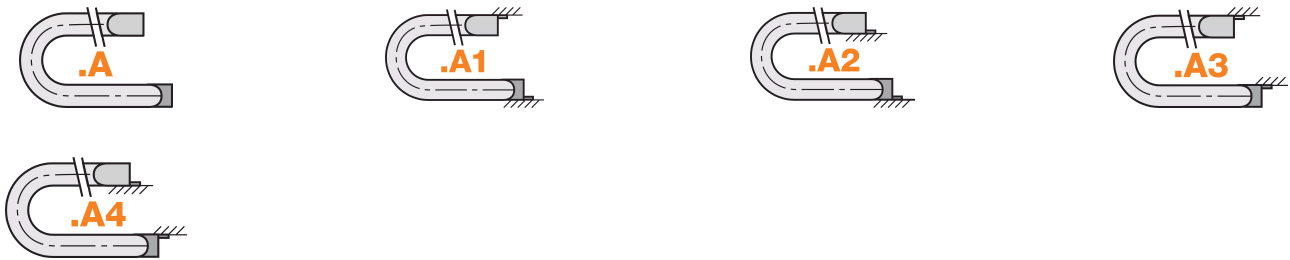


Mounting brackets KMA - pivoting

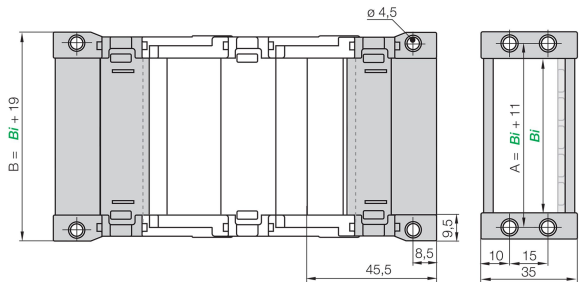


Part number	with C-profile	Mounting type	Alignment (mounting bracket)
24001.05.12.A	No	A	pivoting
24001.05.12ZB.A1	No	A1	pivoting
24001.05.12ZB.A2	No	A2	pivoting
24001.05.12ZB.A3	No	A3	pivoting
24001.05.12ZB.A4	No	A4	pivoting

Mounting type

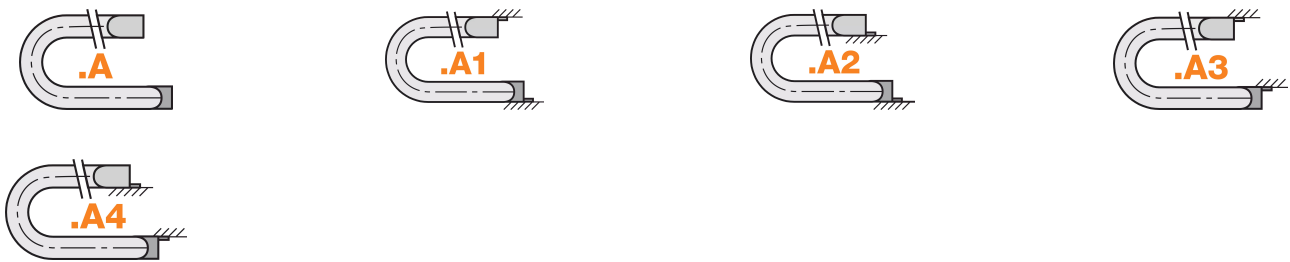


Mounting brackets KMA - fixed

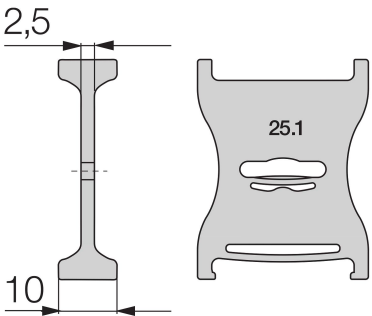
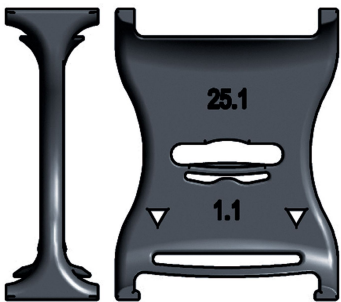


Part number	with C-profile	Mounting type	Alignment (mounting bracket)
24101.05.12.A	No	A	fixed
24101.05.12ZB.A1		A1	fixed
24101.05.12ZB.A2		A2	fixed
24101.05.12ZB.A3		A3	fixed
24101.05.12ZB.A4		A4	fixed

Mounting type



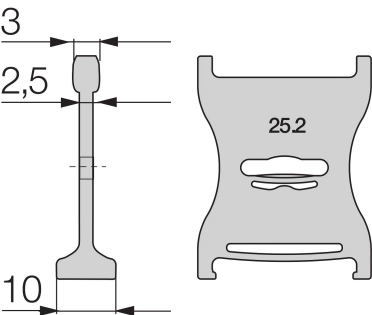
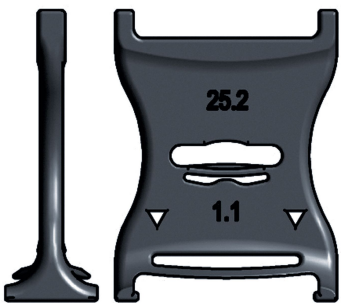
Seperators



Separator, wide-base, unassembled

Standard - for any application. Separator with a wide base for maximum holding force.

Part number	Mounted
25.1	No

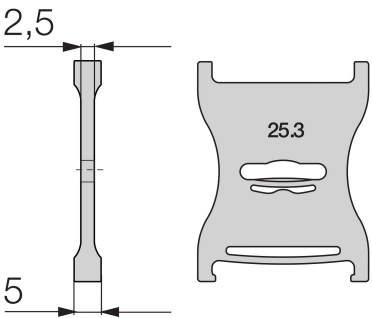


Separator, narrow top, unassembled

Even faster cable installation. Wide on one side for high holding force, narrow on opposite side for easy cable fitting.

Part number	Mounted
25.2	No

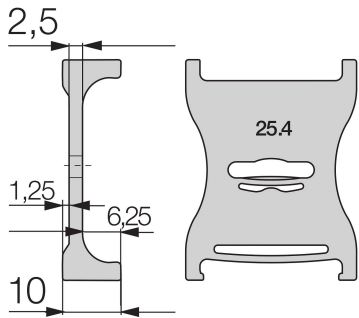
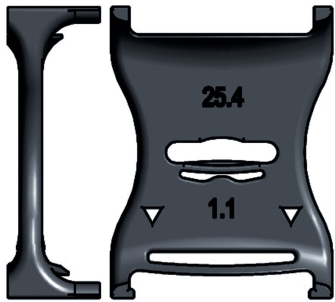




Separator, narrow, unassembled

For a large number of thin cables. Separator with a narrow base for a large number of small cables side by side. Space-saving in energy chains.

Part number	Mounted
25.3	No

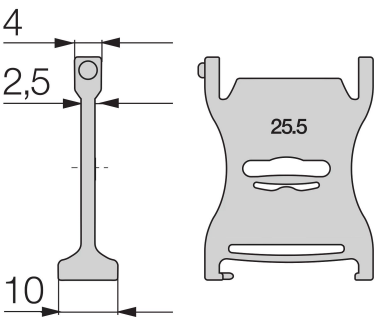
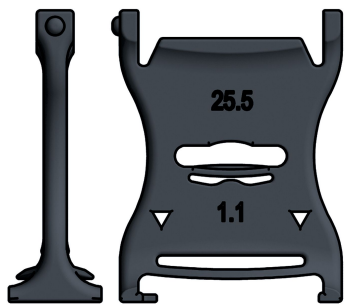


Separator, asymmetrical, unassembled

For e.g. Side-mounted applications. Asymmetrical separator, for defined gap distance. No additional spacers required.

Part number	Mounted
25.4	No





Notch separator for integrated grid structure, unassembled

Locks securely in preset increments. Notch separator for exact positioning. Recommended for side-mounted applications.

Part number	Mounted
25.5	No

Separator, unassembled

Separator, unassembled

Part number	Mounted
201	No



Separator, unassembled

Separator, unassembled

Part number	Mounted
201.28	No

Separator, slotted, unassembled

Separator, slotted, unassembled

Part number	Mounted
202	No



Middle plate, unassembled

Middle plate, unassembled

Part number	Mounted
2020	No

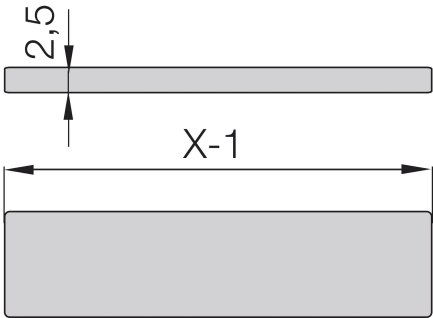
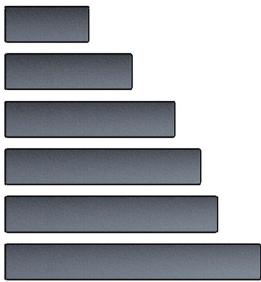
Separator, slotted, unassembled

Separator, slotted, unassembled

Part number	Mounted
2040	No



Shelves



Part number	Width	Mounted
220.25	25 mm	No
220.38	38 mm	No
220.57	57 mm	No
2200.18	19.2 mm	No
2200.23	24.2 mm	No
2200.28	29.2 mm	No
2200.33	34.2 mm	No
2200.38	39.2 mm	No
2200.42	43.2 mm	No
2200.43	44.2 mm	No
2200.48	49.2 mm	No
2300.011	11 mm	No
2300.025	25 mm	No
2300.030	30 mm	No
2300.038	38 mm	No
2300.040	40 mm	No
2300.050	50 mm	No
2300.057	57 mm	No