E4.1L | Series E4.31L·R4.31L | Product range

Light design, high dynamics, cost-effective

e-chains® | E4.31L | Crossbars every link (openable along inner and outer radius, from both sides)
e-tubes | R4.31L | Fully enclosed (lids openable along inner and outer radius, either both sides)

Part No. e-chains®	Part No. e-tubes	Bi [mm]	Ba [mm]	E4.31L [kg/m]	R4.31L [kg/m]
E4.31L.040.R.0	–	040	054	≈ 0.70	–
E4.31L.050.R.0	R4.31L.050.R.0	050	064	≈ 0.74	≈ 0.87
E4.31L.062.R.0	–	062	076	≈ 0.76	–
E4.31L.075.R.0	R4.31L.075.R.0**	075	089	≈ 0.78	≈ 1.01
E4.31L.087.R.0	–	087	101	≈ 0.83	–
E4.31L.100.R.0	R4.31L.100.R.0**	100	114	≈ 0.88	≈ 1.10
E4.31L.112.R.0**	–	112	126	≈ 0.93	–
E4.31L.125.R.0	R4.31L.125.R.0**	125	139	≈ 0.96	≈ 1.28
E4.31L.137.R.0**	–	137	151	≈ 0.98	–
E4.31L.150.R.0	R4.31L.150.R.0**	150	164	≈ 1.00	≈ 1.40
E4.31L.162.R.0**	–	162	176	≈ 1.04	–
E4.31L.175.R.0	R4.31L.175.R.0**	175	189	≈ 1.13	≈ 1.55
E4.31L.187.R.0**	–	187	201	≈ 1.17	–
E4.31L.200.R.0**	R4.31L.200.R.0**	200	214	≈ 1.17	≈ 1.68

**Width available upon request. Please consult igus® for delivery time.

1) Radius not available for e-tubes

Available bend radii

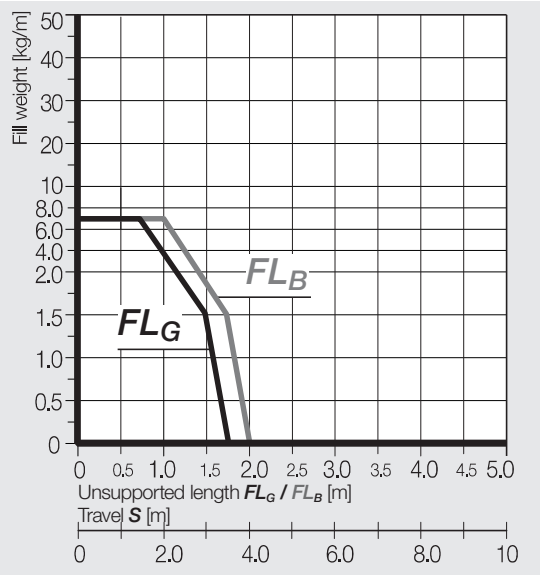
R [mm] | 055[1] | 063[1] | 075 | 100 | 125 | 150 | 175 | 200 | 250 |

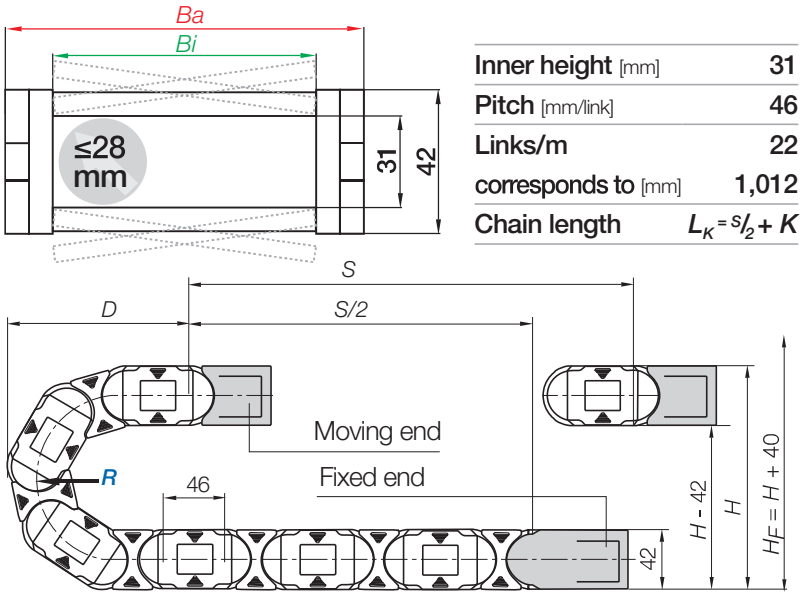
Complete Part No. with required radius (R). Example:

E4.31L.050.075.0 = crossbars every link / R4.31L.050.075.0 = fully enclosed

Aluminium support tray - New

- Corrosion-resistant and seawater-resistant aluminium rails with adjustable width
- Noise-reducing slide bar integrated as a standard
- Easy installation and connection of the e-chain®
- Open design - dirt and debris fall through
- **More information ▶From page 1068**



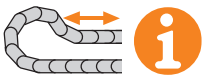


Inner height [mm]	31
Pitch [mm/link]	46
Links/m	22
corresponds to [mm]	1,012
Chain length	$L_K = S/2 + K$

R	055[1)]	063[1)]	075	100	125	150	175	200	250
H	152	168	192	242	292	342	392	442	542
D	145	153	165	190	215	240	265	290	340
K	265	290	330	410	485	565	645	725	880

The required clearance height: $H_F = H + 40$ mm (with 1.0 kg/m fill weight)

1) Radius not available for e-tubes



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