

Price Index



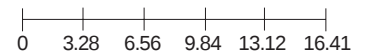
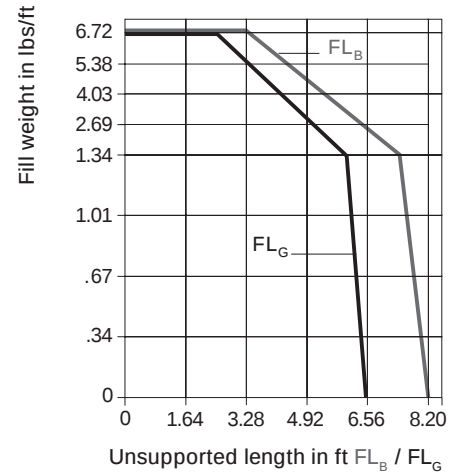
3 Widths
7 Bending Radii



2 options for mounting
brackets



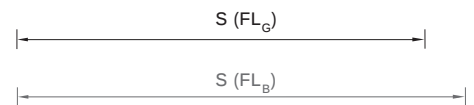
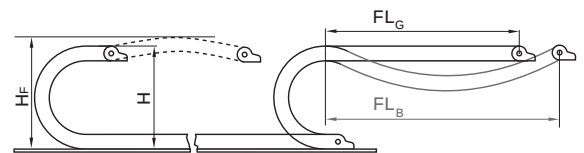
2 options for interior
separation



Length of travel S in ft

Unsupported Length

- FL_B = unsupported with permitted sag
- FL_G = unsupported with straight upper run



Product Range:

Inner Widths (Bi) inches (mm):	2.95 (75), 4.53 (115), 6.89 (175)
Bending Radii (R) inches (mm):	2.95 (075), 3.94 (100), 4.92 (125), 5.91 (150), 7.87 (200), 9.84 (250), 11.81 (300)
Pitch:	2.64 (67 mm)/link = 4.57 links/ft (15 links/m) 39.57 (1005 mm)



When to use the Series
30/35:

- If you are repairing or maintaining an existing system



When not to use the Series
30/35:

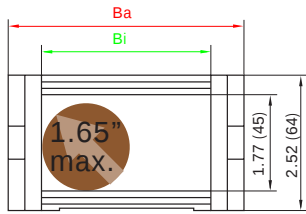
- If you are installing a new system
▶ Series 250, Chapter 4

Series 30/35/36 "E2 Medium"



30
35
36

Series 30 Energy Chain® (non-snap-open)



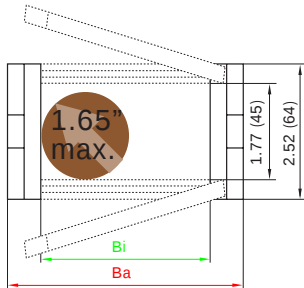
Part No.	Bi	Ba
30-1	2.95 (75)	3.66 (93)
30-2	4.53 (115)	5.24 (133)
30-3	6.89 (175)	7.68 (195)

Bending Radii
for ALL Widths

2.95 (075)
3.94 (100)
4.92 (125)
5.91 (150)
7.87 (200)
9.84 (250)

Supplement part number with required radius
for example, 30-1-150-0

Series 35 Energy Chain® (snap-open on one side)



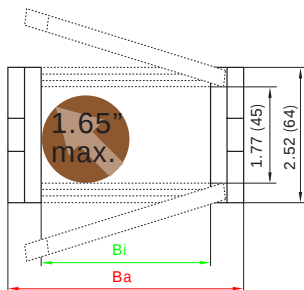
Part No.	Bi	Ba
35-1	2.95 (75)	3.66 (93)
35-2	4.53 (115)	5.24 (133)
35-3	6.89 (175)	7.68 (195)

Bending Radii
for ALL Widths

2.95 (075)
3.94 (100)
4.92 (125)
5.91 (150)
7.87 (200)
9.84 (250)
11.81 (300)

Supplement part number with required radius
for example, 35-1-150-0

Series 36 Energy Chain® (snap-open on one side)



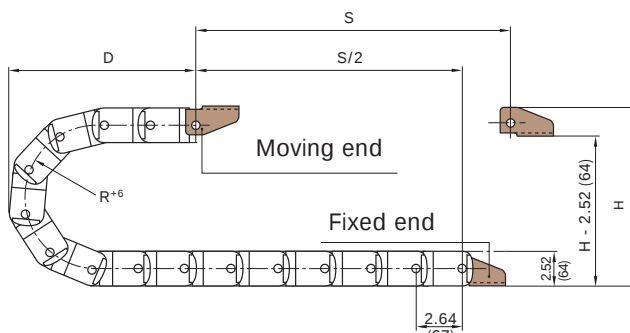
Part No.	Bi	Ba
36-1	2.95 (75)	3.66 (93)
36-2	4.53 (115)	5.24 (133)
36-3	6.89 (175)	7.68 (195)

Bending Radii
for ALL Widths

2.95 (075)
3.94 (100)
4.92 (125)
5.91 (150)
7.87 (200)
9.84 (250)
11.81 (300)

Supplement part number with required radius
for example, 36-1-150-0

Installation dimensions



Pitch: = 2.64 (67 mm)
Links per ft (m): = 4.57 (15)
Chain length = $\frac{S}{2} + K$

R ⁺	2.95 (75)	3.94 (100)	4.92 (125)	5.91 (150)
H ⁺	8.46 (215)	10.43 (265)	12.40 (315)	14.37 (365)
D	5.91 (150)	7.87 (200)	8.86 (225)	9.84 (250)
K	15.75 (400)	19.69 (500)	25.59 (650)	28.54 (725)

R ⁺	7.87 (200)	9.84 (250)	11.81 (300)	
H ⁺	18.31 (465)	22.24 (565)	26.18 (665)	
D	11.81 (300)	13.78 (350)	15.75 (400)	
K	34.45 (875)	41.34 (1050)	48.23 (1225)	

*The required clearance height is HF = H + 1.57 (40 mm) with 1.68 lbs/ft (2.5 kg/m) fill weight. Please consult igus® if space is particularly restricted.

Series
30/35/36

Telephone 1-800-521-2747
Fax 1-401-438-7270



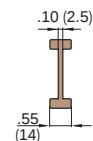
Page 6.129

Chapter 9

Interior Separation

Option 1: vertical separators

They are used if only a vertical separation is required.

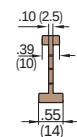
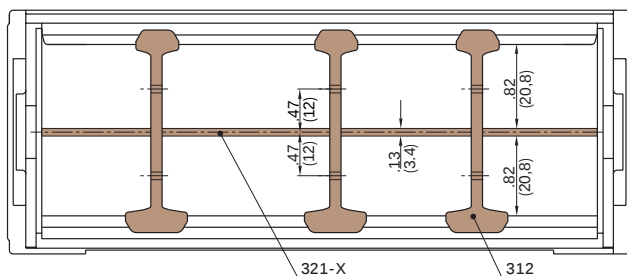


Vertical Separator

Unassembled	Part No. 301
Assembled	Part No. 311

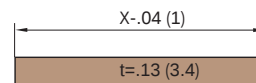
Option 2: full-width shelf

The use of full-width shelves is worthwhile when several thin cables with similar or identical diameters are used. These options always fill the entire chain width.



Vertical Separator, Slotted

Unassembled	Part No. 302
Assembled	Part No. 312

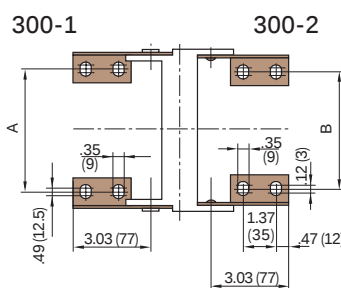
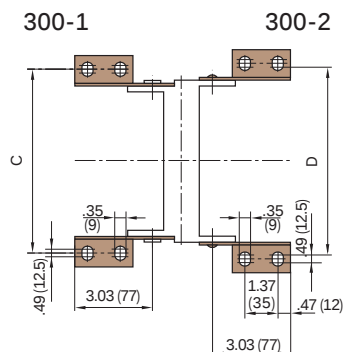
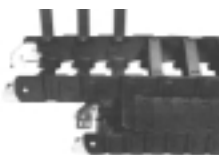


Width X in. (mm)	Part No. Unassembled	Part No. Assembled
2.95 (75)	320-075	321-075
4.53 (115)	320-115	321-115
6.89 (175)	320-175	321-175

Mounting Brackets

Option 1: steel, two piece

- One part for all chain widths
- Electrically conductive



300-12 = Full set, 4 parts, 2 with pin, 2 with bore

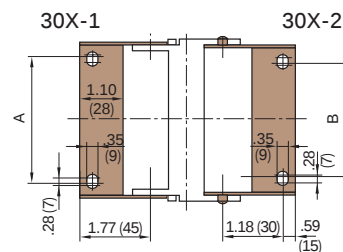
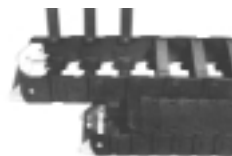
300-1 = Mounting bracket with bore, 1 part left/right

300-2 = Mounting bracket with pin, 1 part left/right

Chain Type	Part No. Full Set	Dimension A in. mm	Dimension B in. mm	Dimension C in. mm	Dimension D in. mm
30/35/36-1	300-12	2.36 (60)	2.13 (54)	4.37 (111)	4.80 (122)
30/35/36-2	300-12	3.94 (100)	3.70 (94)	5.95 (151)	6.38 (162)
30/35/36-3	300-12	6.34 (161)	6.10 (155)	8.35 (212)	8.82 (224)

Option 2: steel, one piece

- Good availability in pre-assembled form
- Electrically conductive



Chain Type	Part No. Full Set	Dimension A in. mm	Dimension B in. mm
30/35/36-1	301-12 (A=B)	2.36 (60)	1.81 (46)
30/35/36-2	302-12 (A=B)	3.94 (100)	3.39 (86)
30/35/36-3	303-12 (A=B)	6.34 (161)	5.79 (147)

30X-12 = Full set each with pin/bore

30X-1 = Mounting bracket with bore

30X-2 = Mounting bracket with pin

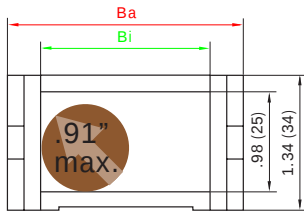
X = Use width numbers 1, 2 or 3

Order Example and Technical Data: Series 30/35/36 "E2 Medium"



30
35
36

Order example



1. Chain selection:

30-2-100-0

Color black

Radius

Width

Chain type

2. Mounting brackets:

302-12

Full set

Bracket Part No.

3. Interior Separation:

2 separators, assembled every other chain link (Part No. 311).
Alternative interior separation configuration according to design layout possible.

For 6.56 ft (2 m) chain, color black with full set two piece mounting brackets:

6.56 ft (2 m) 30-2-100-0 and 302-12 and 2 Part No. 211, assembled every other link

30 links — 4.57 links/ft (15 links/m)

Series
30/35/36

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► Page 6.129



► Chapter 9

13.9