



E-Chain®
Cable Carrier System



Chainflex®
flexible cable



ReadyChain®
harnesses systems



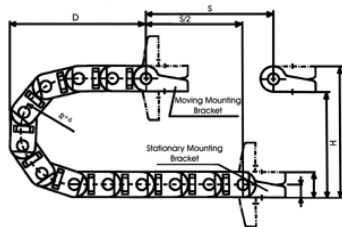
iglides®
polymer bearings



Drylin® linear
bearings & slides



igubal®
spherical bearings



Series 09: Please select a Part Number Inch Version

Part Number	Inner Width	Outer Width	Radius	Curve Height H	Curve Length K	Weight
09-06-028-0	0.23 in	0.55 in	1.1 in	3.15 in	5.12 in	0.115 lbs/ft
09-06-038-0	0.23 in	0.55 in	1.5 in	3.9 in	6.3 in	0.115 lbs/ft
09-06-048-0	0.23 in	0.55 in	1.9 in	4.72 in	7.48 in	0.115 lbs/ft
09-10-028-0	0.39 in	0.71 in	1.1 in	3.15 in	5.12 in	0.15 lbs/ft
09-10-038-0	0.39 in	0.71 in	1.5 in	3.9 in	6.3 in	0.15 lbs/ft
09-10-048-0	0.39 in	0.71 in	1.9 in	4.72 in	7.48 in	0.15 lbs/ft
09-16-028-0	0.63 in	0.95 in	1.1 in	3.15 in	5.12 in	0.16 lbs/ft
09-16-038-0	0.63 in	0.95 in	1.5 in	3.9 in	6.3 in	0.16 lbs/ft
09-16-048-0	0.63 in	0.95 in	1.9 in	4.72 in	7.48 in	0.16 lbs/ft
09-20-028-0	0.79 in	1.11 in	1.1 in	3.15 in	5.12 in	0.17 lbs/ft
09-20-038-0	0.79 in	1.11 in	1.5 in	3.9 in	6.3 in	0.17 lbs/ft
09-20-048-0	0.79 in	1.11 in	1.9 in	4.72 in	7.48 in	0.17 lbs/ft
09-30-028-0	1.18 in	1.5 in	1.1 in	3.15 in	5.12 in	0.19 lbs/ft
09-30-038-0	1.18 in	1.5 in	1.5 in	3.9 in	6.3 in	0.19 lbs/ft
09-30-048-0	1.18 in	1.5 in	1.9 in	4.72 in	7.48 in	0.19 lbs/ft
09-40-028-0	1.57 in	1.89 in	1.1 in	3.15 in	5.12 in	0.21 lbs/ft
09-40-038-0	1.57 in	1.89 in	1.5 in	3.9 in	6.3 in	0.21 lbs/ft
09-40-048-0	1.57 in	1.89 in	1.9 in	4.72 in	7.48 in	0.21 lbs/ft
09-50-028-0	1.97 in	2.29 in	1.1 in	3.15 in	5.12 in	0.25 lbs/ft
09-50-038-0	1.97 in	2.29 in	1.5 in	3.9 in	6.3 in	0.25 lbs/ft
09-50-048-0	1.97 in	2.29 in	1.9 in	4.72 in	7.48 in	0.25 lbs/ft

8 Widths
3 Bending Radii



Mounting brackets with or without integrated tie-wrap plates



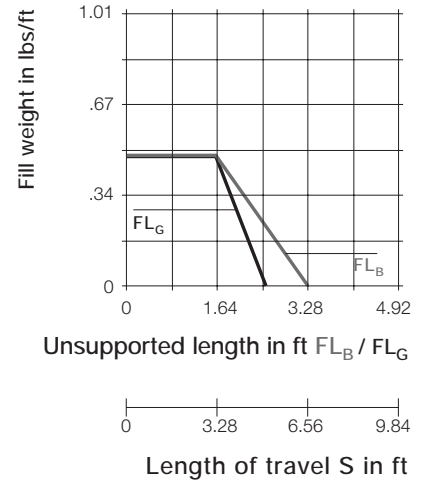
Chain lids linked along central vein for easy opening



Quickfix: mounting bracket with pin
Call for availability

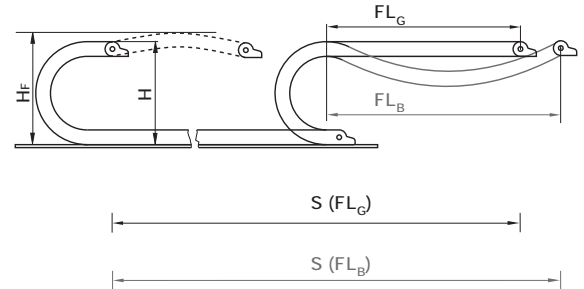


Small pitch for quiet operation



Unsupported length

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



Product Range:

Inner Widths (Bi) inches (mm):	.39 (10), .63 (16), .79 (20), 1.18 (30), 1.57 (40), 1.97 (50), 1.89 (048)
Bending Radii (R) inches (mm):	1.10 (028), 1.50 (038), 1.89 (048)
Pitch:	.79 (20 mm)/link = 15.24 links/ft (50 links/m)



When to use the Series 09 "Zipper":

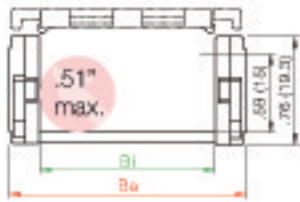
- If fast, zipper-like accessibility to cables is required
- If quick, easy insertion of cables with pre-assembled connectors is required
- If quieter operation is required
- If aesthetic design is required
- If high acceleration and travel are required



When not to use the Series 09 "Zipper":

- If access to cables via individual links is not required
- If cable installation without opening lids is possible

Series 09 "Zipper"

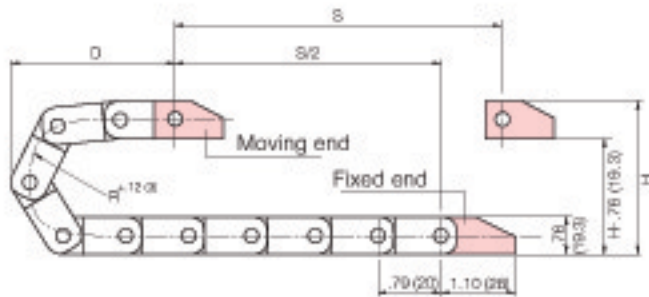


Part No.	Bi	Ba
09-10	.39 (10)	.72 (18.2)
09-16	.63 (16)	.95 (24.2)
09-20	.79 (20)	1.10 (28.2)
09-30	1.18 (30)	1.50 (38.2)
09-40	1.57 (40)	1.90 (48.2)
09-50	1.97 (50)	2.29 (58.2)

Bending Radii
for ALL Widths

- 1.10 (028)
- 1.50 (038)
- 1.89 (048)

Installation Dimensions



R	1.10 (028)	1.50 (038)	1.89 (048)
H*	2.99 (76)	3.78 (96)	4.57 (116)
D	2.36 (60)	2.76 (70)	3.15 (80)
K	5.12 (130)	6.30 (160)	7.48 (190)

*The required clearance height is $H_F = H + .39$ (10) with .13 lbs/ft (0.2 kg/m) fill weight.

- Pitch: - .79 (20 mm) per link
 Links per ft (m): - 15.24 (50)
 Chain length: - $\frac{S}{2} + K$

Mounting Brackets (2 options for all applications)

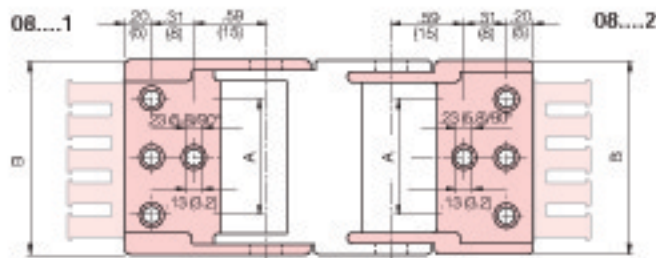
Option 1:

- Without tiwrap plate



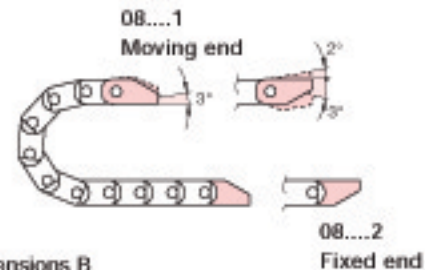
Option 2:

- With tiwrap plate



Polymer, one piece

- One piece, locked mounting brackets
- Corrosion-resistant
- Available pre-assembled
- Inner and outer attachment possible
- Available with integrated strain relief tiwrap plates



Chain Type	Part No. Set Full set with Tiwrap Plate	Part No. Mounting Bracket Set	Number of Teeth	Dimension A in. (mm)	Dimensions B in. (mm)
09-10	080-10-12PZ	080-10-12	1	-	.72 (18.2)
09-16	080-16-12PZ	080-16-12	2	-	.95 (24.2)
09-20	080-20-12PZ	080-20-12	2	-	1.10 (28.2)
09-30	080-30-12PZ	080-30-12	3	.87 (22)	1.50 (38.2)
09-40	080-40-12PZ	080-40-12	4	1.26 (32)	1.90 (48.2)
09-50	080-50-12PZ	080-50-12	5	1.65 (42)	2.29 (58.2)

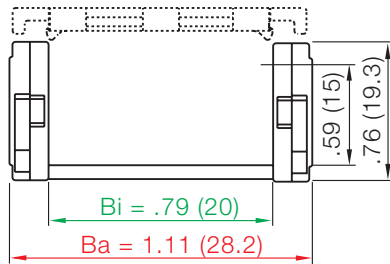
080-10-12 - 080-20-12:
Center bores only
 080-30-12 - 080-50-12:
Bores (see figure)

08...12 - Full set, each part with pin/bore

08... 1 - Mounting bracket with bore

08... 2 - Mounting bracket with pin

Order example



1. Chain selection:

09-20-038-0

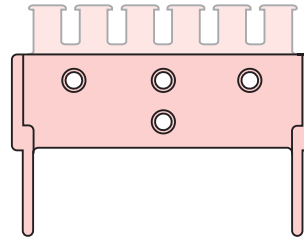


For 16.4 ft (5 m) chain, color black, with mounting brackets:

16.4 ft (5 m) 09-20-038-0 and 080-20-12PZ

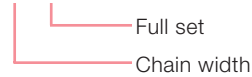


09-20...



2. Mounting brackets:

080-20-12 PZ - with strain relief tiewrap plates



Technical data

Chain Type	Weight Per Link		Weight	
	(oz.)	(g)	(lbs/ft)	(kg/m)
09-10	0.147	(\approx 4.2)	0.141	(\approx 0.21)
09-16	0.168	(\approx 4.8)	0.161	(\approx 0.24)
09-20	0.175	(\approx 5.0)	0.168	(\approx 0.25)
09-30	0.196	(\approx 5.6)	0.188	(\approx 0.28)
09-40	0.217	(\approx 6.2)	0.208	(\approx 0.31)
09-50	0.238	(\approx 6.8)	0.228	(\approx 0.34)

Material	igumid G
Permitted temperature	-40°F/266°F (-40°C/+130°C)
Gliding speed max.	16.4 ft/s (5 m/s)
Unsupported v max.	32.8 ft/s (10 m/s)
Flammability class	VDE 0304 IIC UL94 HB