



# Cable Carriers

-Length Fixed Type/Link Number Specified Type-



□ : New Price

⊕ CAD Data

# Flanges for Cable Carriers

⊕ CAD Data

**RoHS**

Outer Radius Mount Type				Inner Radius Mount Type			
Length Fixed Type		Link Number Specified Type		Length Fixed Type		Link Number Specified Type	
Flanged	No Flange	Flanged	No Flange	Flanged	No Flange	Flanged	No Flange
E045F--	E045--	SE045F--	SE045--	Z045F--	Z045--	SZ045F--	SZ045--
E08F--	E08--	SE08F--	SE08--	Z08F--	Z08--	SZ08F--	SZ08--
E14F--	E14--	SE14F--	SE14--	Z14F--	Z14--	SZ14F--	SZ14--
E16F--	E16--	SE16F--	SE16--	Z16F--	Z16--	SZ16F--	SZ16--

External Dimension: S (Stroke), S/2, R (Bending Radius), Free End Flange, Fixed End Flange, Link Pitch, P, l, H.

Cross-Section: Outer Radius Mount (A, B, C, W), Inner Radius Mount (A, B, C, W).

⚠ Flanged Type is a set of cable carrier and flanges to fit main body (1 x free end and 1 x fixed end).  
 ⚠ It is necessary that the fixed end be used in the following way.  
 ⚠ Mount cables through slits on outer or inner radius.

⊞ Special Plastic  
Operating Temperature -30~100°C

Part Number	R Bending Radius (Mounting Height)	H (Mounting Height)	H1	HF (Required Spatial Height)	K (Arc + Excess Allowance)	P	B	ℓ	
(Flanged) E045F-- SE045F-- Z045F--	(No Flange) E045-- SE045-- Z045--	018	50	37.5	60	95	13	12.5	22.3
(Flanged) E08F-- SE08F-- Z08F--	(No Flange) E08-- SE08-- Z08--	028	70	57.5	80	120	20	19.3	28
(Flanged) E14F-- SE14F-- Z14F--	(No Flange) E14-- SE14-- Z14--	038	90	77.5	100	145	30.5	25	38
(Flanged) E16F-- SE16F-- Z16F--	(No Flange) E16-- SE16-- Z16--	048	116	96.7	131	190	30.5	39	38

⚠ The traveling speed is 10 m/s or less during horizontal traveling. ⚠ Refer to P.487 for HF.

### Length Fixed Type (25 Link 325mm for 045 Type, 35 Link 700mm for 08 and 33 Link 1006.5mm for 14 and 16 Type)

Part Number Type	No.	Bending Radius	A	B	C	W	Applicable Flange		Weight per Meter Weight (kg)	Unit Price		Qty. 1-9
							For Free End	For Fixed End		Flanged	No Flange	
(Flanged) E045F-- SE045F-- Z045F--	(No Flange) E045-- SE045-- Z045--	16	018	9.4	12.5	16	23	045-16-1	045-16-2	0.11	41,70	33,90
(Flanged) E08F-- SE08F-- Z08F--	(No Flange) E08-- SE08-- Z08--	20	028	14.6	19.3	20	28.2	108-16-1PZ	108-16-2PZ	0.24	43,10	35,10
(Flanged) E14F-- SE14F-- Z14F--	(No Flange) E14-- SE14-- Z14--	3	038	19	25	38	50	114-1-1PZ	114-1-2PZ	0.31	48,10	39,90
(Flanged) E16F-- SE16F-- Z16F--	(No Flange) E16-- SE16-- Z16--	4	048	32	39	48	62.5	117-2-1PZ	117-2-2PZ	0.51	59,80	48,80

⚠ Weight per meter (kg) is for No Flange Type. ⚠ Flange Type is a set of cable carrier and flanges to fit main body (1 x free end and 1 x fixed end).

### Link Number Specified Type

Part Number Type	Bending Radius	No. of Links	Weight per Link (g)	Price	
				Flanged (1 Link Price x No. of Links) + Flange (2pcs.) Price	No Flange 1 Link Price x No. of Links
(Flanged) SE045F-- SE045-- SZ045F-- SZ045--	018	1-25	1.4	(1,40xNo. of Links)+7,80	1,40xNo. of Links
(Flanged) SE08F-- SE08-- SZ08F-- SZ08--	028	1-35	3.1	(1,00xNo. of Links)+8,00	1,00xNo. of Links
(Flanged) SE14F-- SE14-- SZ14F-- SZ14--	038	1-33	9.3	(1,60xNo. of Links)+8,20	1,60xNo. of Links
(Flanged) SE16F-- SE16-- SZ16F-- SZ16--	048	1-33	15.5	(1,70xNo. of Links)+11,00	1,70xNo. of Links

Order Part Number - Bending Radius - No. of Links  
 Example E14 - 2 - 048  
 SE14 - 3 - 048 - 20

Days to Ship **6 Days** P.92

Link Number Specified Type **10 Days**

Volume Discount P.92  
 Quantity Rate Price List 35% 40%

⚠ Please do not use by connecting together more than maximum links. ⚠ Weight per link (g) is for No Flange Type.  
 ⚠ Flange Type is a set of cable carrier and flanges to fit main body (1 x free end and 1 x fixed end).  
 Price Calculation Example  
 SE14F-2-038 (Flanged) 1,60EUR (1 link price) x 30 (No. of Links) + 8,20 EUR (flange price) = 56,20EUR  
 SE08-40-028-10 (No Flange) 8,20 EUR (1 link price)x10 (No. of links)=1,10 EUR

**RoHS**

Shapes of Flat Bolt Holes  
 • For 108  
 • For 117

For Free End  
 045-16-1  
 108--1PZ  
 114--1PZ  
 117--1PZ

For Fixed End  
 045-16-2  
 108--2PZ  
 114--2PZ  
 117--2PZ

⊞ Special Plastic  
Operating Temperature -30°C~100°C

Part Number	Type Selection	Applicable Cable Carrier		A	B	Number of Comb Teeth	Unit Price			
		External	Internal				1 pc.	Qty. 2-5	Qty. 6-9	10~
045-16	1 For Free End 2 For Fixed End	E045-16	Z045-16	-	22	-	7,80	5,50	4,30	2,70
108-16	1PZ For Free End	E08-16	Z08-16	-	24.2	2	8,00	5,60	4,40	2,80
108-20		E08-20	Z08-20	-	28.2	2	8,20	5,70	4,50	2,90
108-30		E08-30	Z08-30	22	38.2	3	8,40	5,90	4,60	3,00
108-40		E08-40	Z08-40	32	48.2	4	8,70	6,10	4,80	3,10
108-50		E08-50	Z08-50	42	58.2	5	8,90	6,20	4,90	3,20
114-1	2PZ For Fixed End	E14-1	Z14-1	-	26.3	2	7,80	5,50	4,30	3,10
114-2		E14-2	Z14-2	10	36.3	3	8,50	6,00	4,60	3,40
114-3		E14-3	Z14-3	23	49.3	4	8,60	6,00	4,70	3,40
114-4		E14-4	Z14-4	35	61.3	5	9,20	6,40	4,80	3,60
117-2		E16-2	Z16-2	12	35.5	3	11,00	7,70	6,10	3,90
117-3	E16-3	Z16-3	25	48.5	4	11,30	7,90	6,20	4,00	
117-4	E16-4	Z16-4	37	60.5	5	11,60	8,10	6,40	4,10	

Order Part Number - Type  
 Example 108-20 - 2PZ

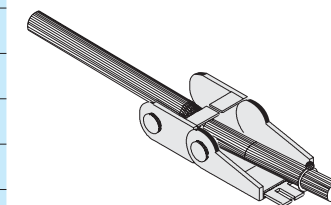
Days to Ship **6 Days** P.92

### Material Properties

Characteristics	Unit	E/Z Type (P.489)	Flap Open-Close Type (P.491)	
			Body/Flap	Inner Partition
Tensile Strength (When 23°C)	N/mm <sup>2</sup>	78	125	80
Elongation (When 23°C)	%	50	3.8	115
Young's Modulus in Flexure (When 23°C)	N/mm <sup>2</sup>	2900-1200	6300	2700
Impact Load (When 23°C)	N/mm <sup>2</sup>	55	70	54
Volume Resistivity	Ω · cm	10 <sup>15</sup>	10 <sup>14</sup>	10 <sup>14</sup>
Density (Specific Gravity)	-	1.13~1.14	1.29	1.14
Friction Coefficient	μ	0.3	0.32	0.28
Combustibility	-	VDE-V2	UL-94HB	UL-94HB



Method of Fixing Flange and Cable



The cable is kept and fit from the external circumference or internal circumference of the cable carrier, and then secured at the flange of the tail end portion by a stamp lock.

⚠ Listed values are not guaranteed values but reference values.