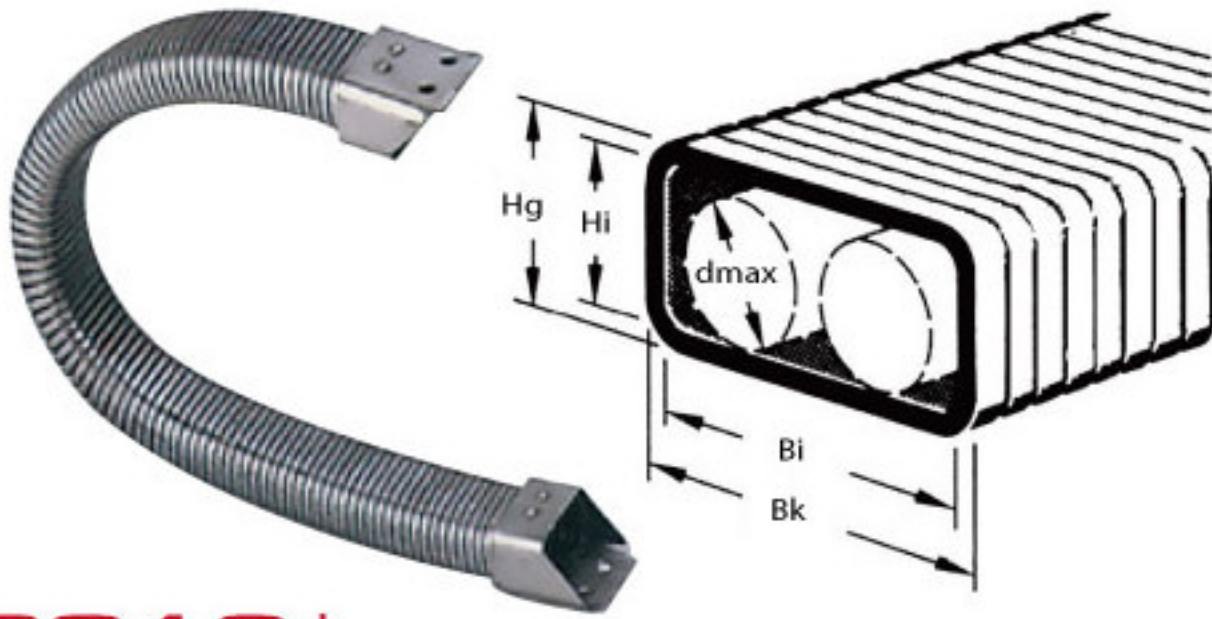


## Cable Carrier

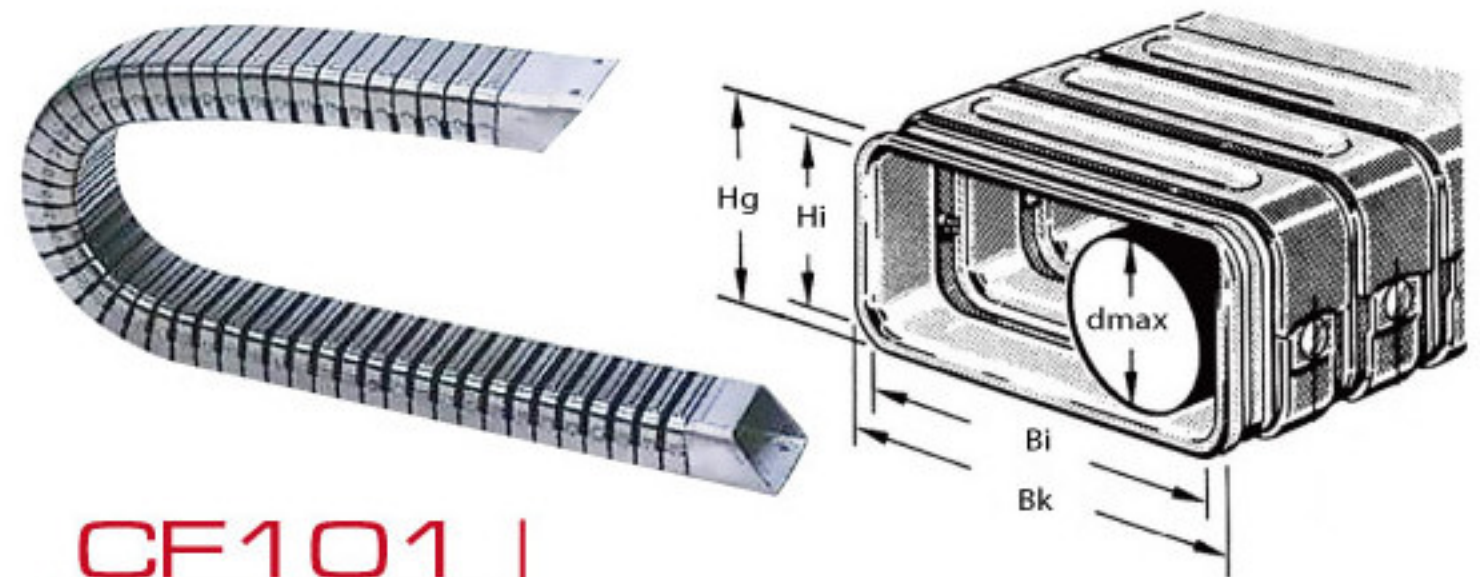


### A8012

- Material: Galvanized steel sheet, supported by inner stainless steel plate.
- Shaped by one sheet.
- Installation: two flanges welded at two ends.
- Robust and durable.

## Features

- When choosing cable carrier, it is better to keep 10% wider than the total of cable outside diameters.
- When deciding the bending radius, it's better to choose 8-10 times of the total of cable outside diameters.
- Keep the wire capacity within 60%-70% so that the wires have better space for moving and maintenance.



### CF101

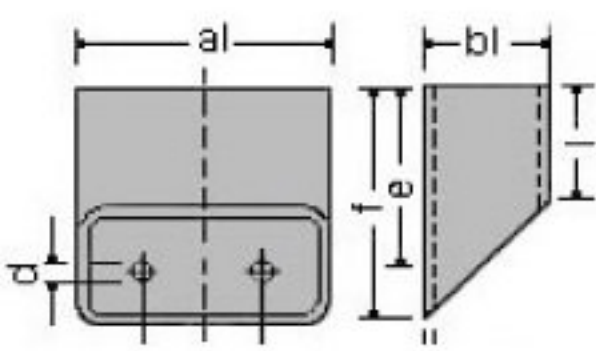
- Material: Stainless steel & PA 66 (Nylon 66) lining.

Type	Outside Width (Bk) (mm)	Outside Height (Hg) (mm)	Inside Width (Bi) (mm)	Inside Height (Hi) (mm)	Min. Bending Radius (KR) $\pm 10\%$ (mm)	Suggested Length (MAX) (mm)
A8012-1	50	30	43	23	100	3000
A8012-2	80	45	73	38	120	4000
A8012-3	110	60	102	52	140	5000
A8012-4	130	65	122	57	150	5000
A8012-6	150	70	142	62	170	5000
A8012-7	170	80	162	72	200	5000

Type	Outside Width (Bk) (mm)	Outside Height (Hg) (mm)	Inside Width (Bi) (mm)	Inside Height (Hi) (mm)	Max Diameter (dmax) (mm)	Min. Bending Radius (KR) (mm)
CF101-1	60	36	45	25	20	70, 100
CF101-2	90	53	74	40	34	100, 150, 200
CF101-3	118	67	102	52	47	100, 150, 200, 250
CF101-4	118	92	102	72	65	150
CF101-5	182	92	162	72	65	150

### A8012 FLANGE: (Material: steel)

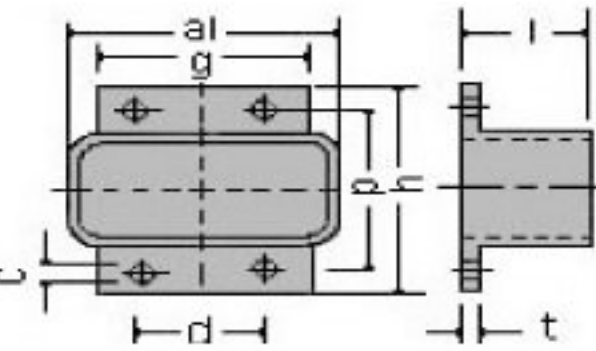
m/m(approx)

TYPE S	No.	al	bl	c	d	e	f	l	t
	1	55	35	22	7	45.0	60	30	2.0
	2	85	50	50	7	67.5	90	45	2.0
	3	113	65	70	9	90.0	120	60	2.0
	4	135	70	70	9	90.0	120	60	2.0
	6	155	75	100	9	90.0	120	60	2.0
	7	175	85	100	9	120.0	160	80	2.0

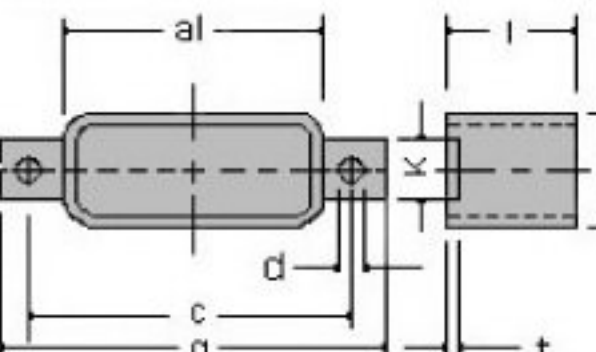
### CF101 FLANGE: (Material: aluminum alloy)

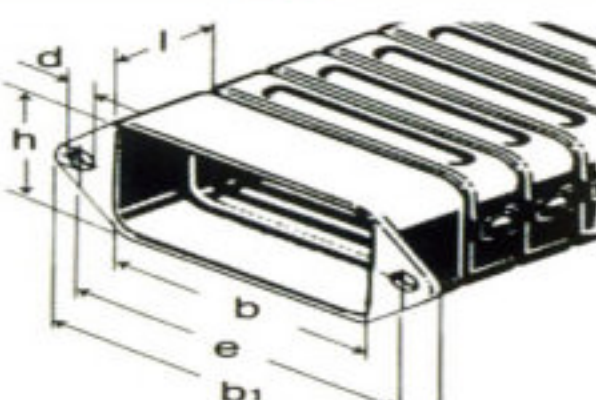
m/m(approx)

TYPE S	No.	b	h	e	d	l1	l2
	1	60	38	22	7	38	9
	2	90	53	50	7	38	9
	3	118	69	70	9	45	12
	4	120	92	70	9	50	14
	5	180	90	100	9	52	16

TYPE A	No.	al	bl	c	d	g	h	p	l	t
	1	55	35	7	18	35	73	55	30	2.0
	2	85	50	7	45	65	88	70	45	2.0
	3	113	65	9	60	80	113	90	60	2.0
	4	135	70	9	60	80	118	95	60	2.0
	6	155	75	9	80	100	123	100	60	2.0
	7	175	85	9	95	120	133	110	80	2.0

TYPE A	No.	b	h	eb	eh	d	l
	1	60	70	18	55	7	30
	2	90	85	45	70	7	26
	3	118	114	60	90	9	26
	4	120	130	60	110	9	30
	5	180	145	95	110	9	30

TYPE B	No.	al	bl	c	d	g	k	l	t
	1	55	35	75	7	93	15	30	2.0
	2	85	50	105	7	123	30	45	2.0
	3	113	65	140	9	161	35	60	2.0
	4	135	70	160	9	183	40	60	2.0
	6	155	75	180	9	203	40	60	2.0
	7	175	85	200	9	223	40	80	2.0

TYPE B	No.	b	h	b1	e	d	l
	1	60	35	90	75	7	28
	2	90	51	124	105	7	26
	3	118	66	162	140	9	26
	4	120	90	167	145	9	31
	5	180	90	225	200	9	31



#### ◆ Application :

For protecting wires of CNC machine, machine tool, robotic arm, fabric machine, industrial machine, air compressor, hydraulic cylinder, and rubber tubes for gas & liquid.

#### ◆ When choosing suitable cable carrier, please consider:

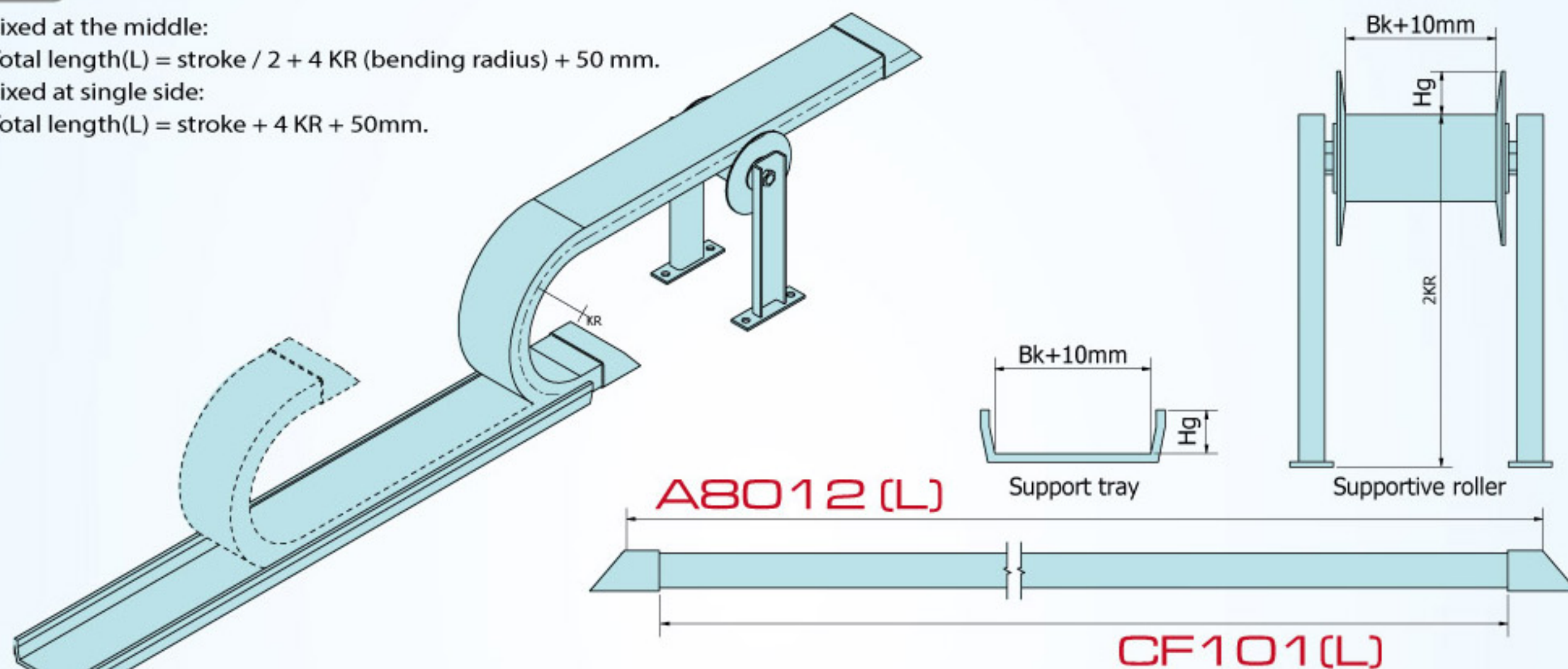
- Size, number and weight of wires and conduit
- Min. bending radius of wires and conduit
- Stroke
- Environment and beauty
- Need of support tray

#### ◆ Note :

- High flexibility wire with outer diameter smaller than 10 mm should be protected by flexible conduit before put in cable carrier
- Deploy weight equally in cable carrier. It's better to deploy the bigger/heavier wires and conduits at two sides of cable carrier.
- Wires and conduits must be deployed straightly in cable carrier.
- Loading of its own and stroke (decide by additional loading)
- To make sure cable carrier work smoothly, support tray is required for longer stroke. If stroke is longer than loading length, upper cable carrier would sag and lean on the lower cable carrier.

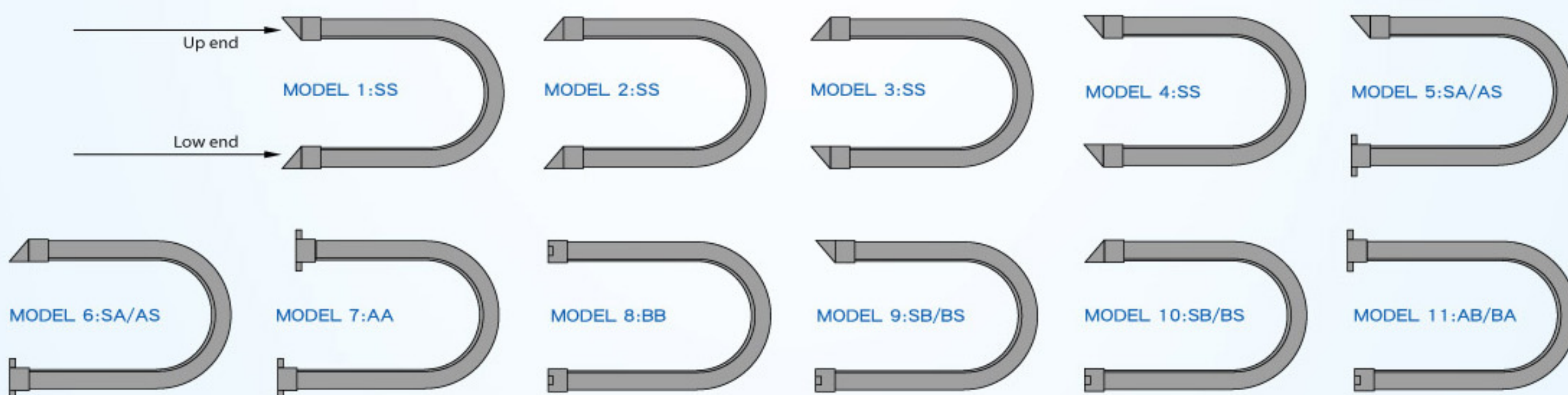
#### Length:

1. Fixed at the middle:  
Total length(L) = stroke / 2 + 4 KR (bending radius) + 50 mm.
2. Fixed at single side:  
Total length(L) = stroke + 4 KR + 50mm.



\*When installing cable carrier, please apply the supportive roller (as illustrated):

#### A8012/CF101 Flange installation types:



Please offer the following information when ordering:

Cable Carrier		Flange type			Bending Radius (KR)	Length (L)
TYPE	Outside width x Outside height (a x b)	Model No.	Up	Low		