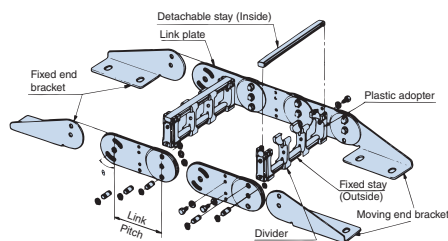
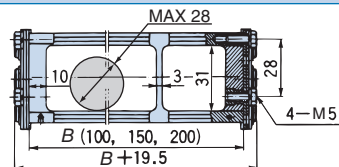


TKS070

Structure



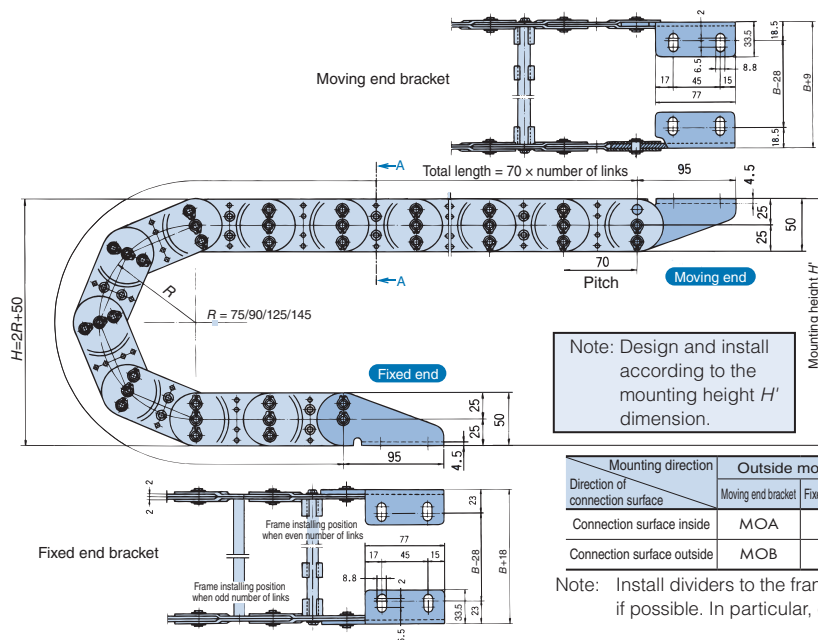
Cross-section dimensions



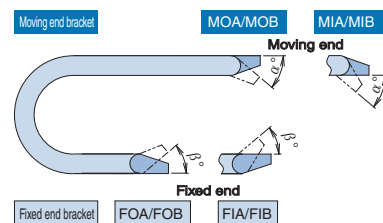
A-A arrow view

Cable/hose maximum outer diameter d_{MAX} (mm)		27		
Frame width B (mm)		100	150	200
Divider	Minimum number required	0	1	2
	Maximum number installable	5	8	12

Dimension drawings/steel bracket dimensions



Bending radius R (mm)	Mounting height H' (mm)
75	210
90	240
125	310
145	350



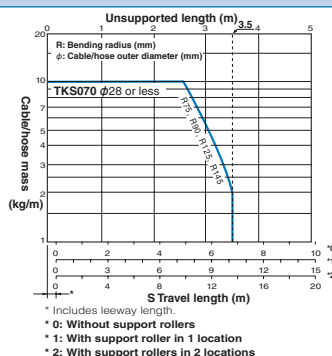
Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
75	0	54
90	0	45
125	0	31
145	0	27

Note: Install dividers to the frame and ensure that one cable or hose goes through one opening if possible. In particular, ensure that cables and hoses do not lay on each other.

Basic specifications

Maximum travel speed (m/min)		60
Operating temperature range (°C)		-10 to 80
Materials	Chain	Steel (Trivalent chromate plating)
	Bracket	Steel (Trivalent chromate plating)
	Frame	Aluminum Steel/engineering plastic
Standard length (No. of links)		50

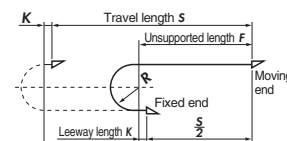
Load diagram



Calculating no. of links

$$\text{Number of links} = \frac{\frac{S}{2} + \pi R + 2K}{P}$$

Note: When fixed end is at the center of the travel length. Always round up the value after calculating.



S: Travel length (mm)
 R: Bending radius (mm)
 P: Pitch = 70 mm
 K: Leeway length = 105 mm or greater

Model number

TKS070SP (1) R (2) + (3) L - (4) - (5)

(1) Frame width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
100	75		FOA	MOA
150	90		FIA	MIA
200	125		FOB	MOB
	145		FIB	MIB

Note: Frames and steel brackets are delivered installed.

■ Frame (no dividers)

Model number	Frame width B	For cable carrier model number
TKS070-SP100	100	TKS070SP100R ■■
TKS070-SP150	150	TKS070SP150R ■■
TKS070-SP200	200	TKS070SP200R ■■

■ Divider

Model number	For cable carrier model number
TKS070-ST	TKS070SP■■■ ■■

■ Steel bracket (including pin and circlip)

Model number	For cable carrier model number
TKS070-MOA	TKS070SP■■■ ■■
TKS070-MOB	
TKS070-MIA	
TKS070-MIB	
TKS070-FOA	
TKS070-FOB	
TKS070-FIA	
TKS070-FIB	