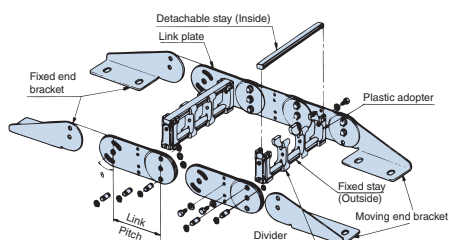
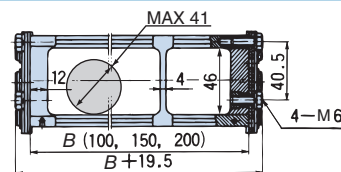


TKS095

Structure



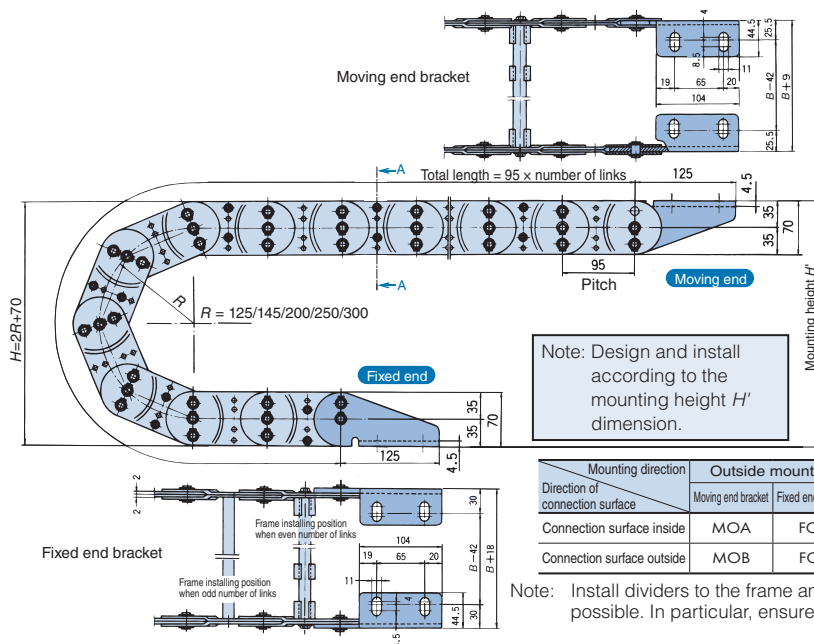
Cross-section dimensions



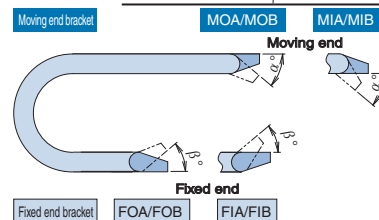
A-A arrow view

Cable/hose maximum outer diameter d_{MAX} (mm)		42		
Frame width B (mm)		100	150	200
Divider	Minimum number required	0	1	2
	Maximum number installable	4	7	11

Dimension drawings/steel bracket dimensions



Bending radius R (mm)	Mounting height H' (mm)
125	330
145	370
200	480
250	580
300	680



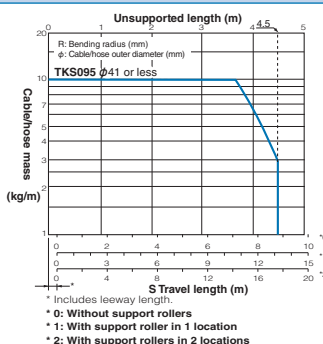
Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
125	0	44
145	0	37
200	0	26
250	0	21
300	0	17

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)		25

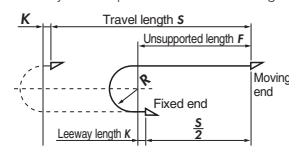
Load diagram



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 = 95 mm
K: Leeway length = 145 mm or greater

Model number

TKS095SP (1) R (2) + (3) L - (4) - (5)

(1) Frame width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
100	125		FOA	MOA
150	145		FIA	MIA
200	250		FOB	MOB
	300		FIB	MIB

Note: Frames and steel brackets are delivered installed.

■ Frame (no dividers)

Model number	Frame width B	For cable carrier model number
TKS095-SP100	100	TKS095SP100R ■■
TKS095-SP150	150	TKS095SP150R ■■
TKS095-SP200	200	TKS095SP200R ■■

■ Divider

Model number	For cable carrier model number
TKS095-ST	TKS095SP ■■ R ■■

■ Steel bracket (including pin and circlip)

Model number	For cable carrier model number
TKS095-MOA	TKS095SP ■■ R ■■
TKS095-MOB	
TKS095-MIA	
TKS095-MIB	
TKS095-FOA	
TKS095-FOB	
TKS095-FIA	
TKS095-FIB	