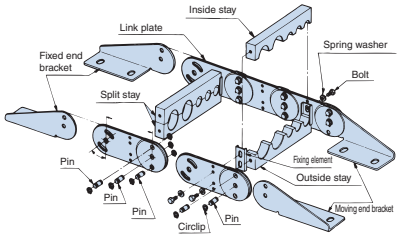
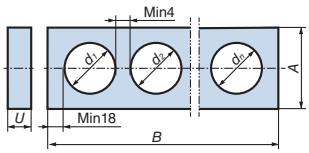
TK130

Structure



Stay dimensions

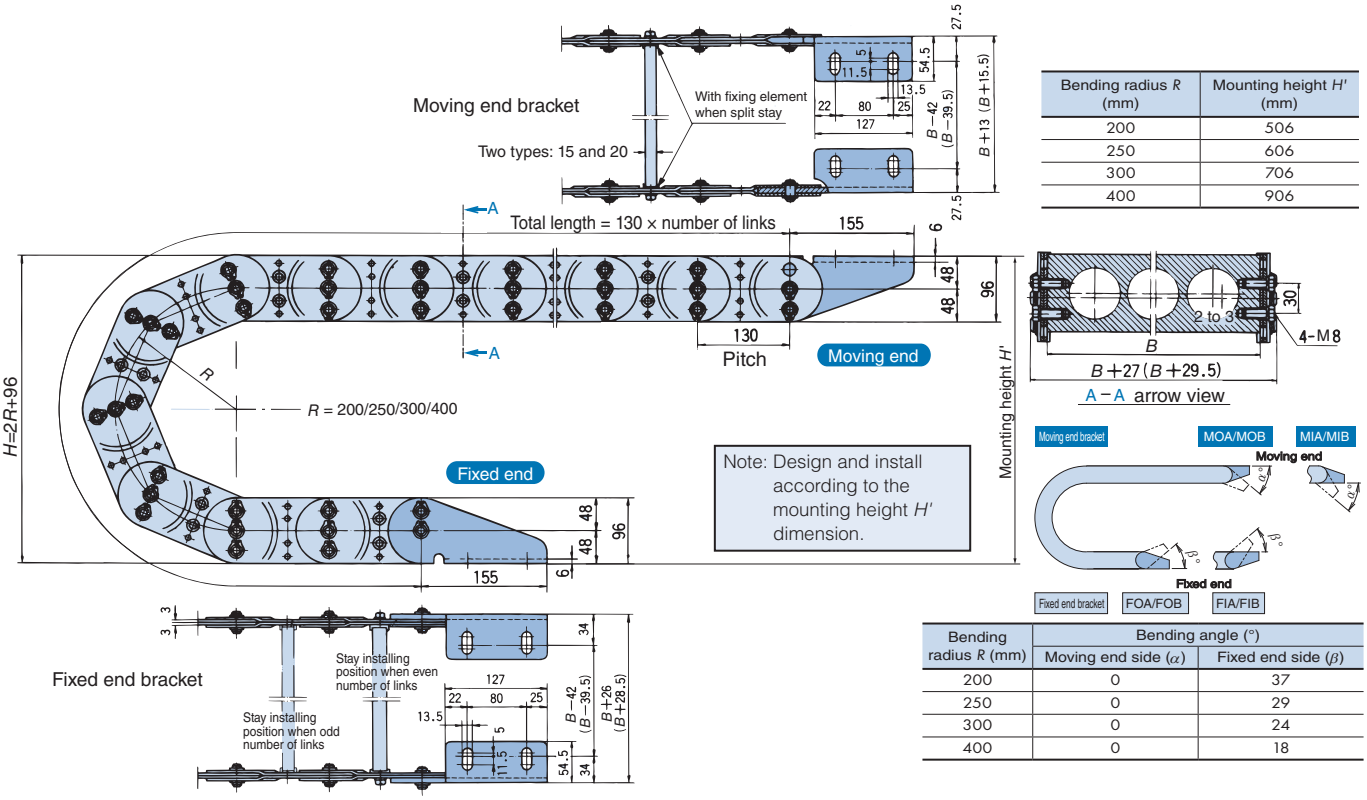


Cable/hose maximum outer diameter d (mm)	Stay maximum bore diameter (mm)	Stay height A (mm)	Stay width B (mm)											
			100	125	150	200	250	300	350	400	450	500	550	600
ϕ46	ϕ50	65	○	○	○	○	○	○	○	○	○	○	-	-
ϕ55	ϕ60	75	○	○	○	○	○	○	○	○	△	△	-	-
ϕ60	ϕ66	90	○	○	○	○	○	○	○	○	△	△	△	△

○: Thickness U = 15 mm and 20 mm can be supported
△: Thickness U = 20 mm can be supported only

Notes: 1. A stay width that exceeds 600 mm can also be used in certain cases. Contact a Tsubaki representative for further information.
2. The L-shaped fixing element type is used for a stay width that exceeds 600 mm. Refer to page 103.

Dimension drawings/steel bracket dimensions



Bending radius R (mm)	Mounting height H' (mm)
200	506
250	606
300	706
400	906

Bending radius R (mm)	Bending angle (°)	
	Moving end side (α)	Fixed end side (β)
200	0	37
250	0	29
300	0	24
400	0	18

Mounting direction / Direction of connection surface	Outside mounting		Inside mounting	
	Moving end bracket	Fixed end bracket	Moving end bracket	Fixed end bracket
Connection surface inside	MOA	FOA	MIA	FIA
Connection surface outside	MOB	FOB	MIB	FIB

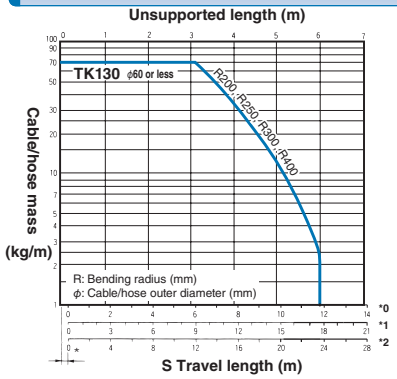
Notes: 1. Dimensions in ( ) are for the split stay. However, the L-shaped fixing element type is excluded.
2. The steel bracket can be installed in a variety of directions.
3. FOA, FOB, FIA, FIB, MOA, MOB, MIA, and MIB steel brackets are common parts.
4. Stays and steel brackets are delivered installed.

Basic specifications

Maximum travel speed (m/min)		60
Operating temperature range (°C)		-10 to 150
Materials	Chain	Steel (Trivalent chromate plating)
	Bracket	Steel (Trivalent chromate plating)
	Stay	Aluminum
Standard length (No. of links)		R300 or less = 19 R400 or more = 13

Note: About support rollers
First consider the cable carrier without support rollers. If conditions/specifications are not satisfied, add the support rollers. When increasing the travel length, increasing the size can be more cost effective than adding support rollers.

Load diagram

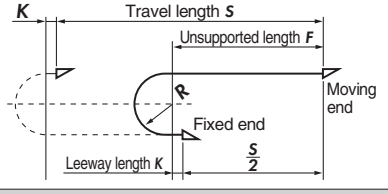


* Includes leeway length.
*** 0: Without support rollers**
*** 1: With support roller in 1 location**
*** 2: With support rollers in 2 locations**

Calculating no. of links

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

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 = 130 mm
K: Leeway length = 195 mm or greater