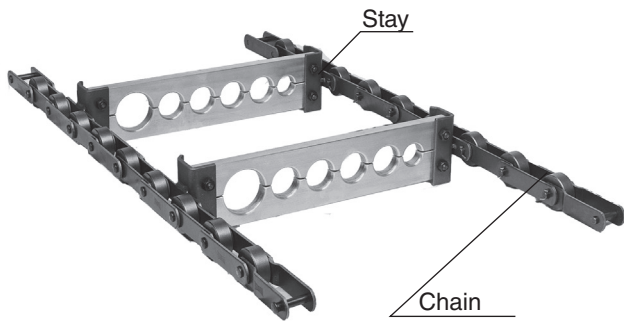


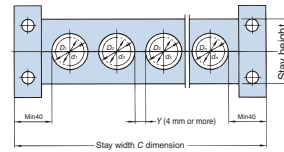
TKI Series

Suitable for high frequency/long travel length application.

Structure



Stay dimensions



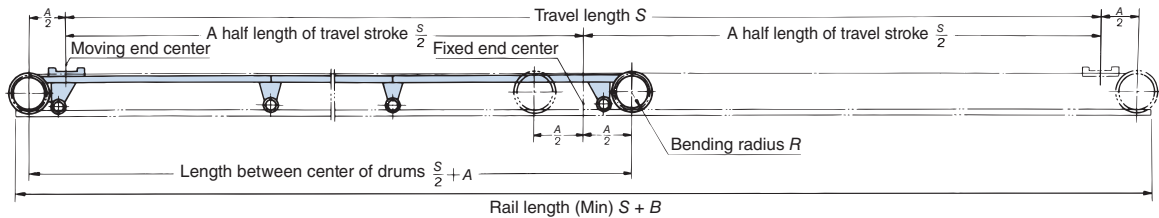
Relationship between standard stay height and cable/hose outer diameter

Stay height (mm)	Stay maximum bore diameter (mm)	Cable/hose maximum outer diameter (mm)
65	φ50	φ46
75	φ60	φ55
90	φ66	φ60
110	φ88	φ80

Relationship between standard stay width (C) and bending radius (R)

Bending radius R (mm)	Stay height (mm)	Standard stay width C (mm)
175	65 to 110	(Min 100) in increments of 50 mm to (Max 500)
200		(Min 100) in increments of 50 mm to (Max 600)
250		(Min 150) in increments of 50 mm to (Max 700)
300		(Min 150) in increments of 50 mm to (Max 900)
350		(Min 200) in increments of 50 mm to (Max 1,000)
400		(Min 200) in increments of 50 mm to (Max 1,200)
500		(Min 250) in increments of 50 mm to (Max 1,500)

Dimension drawings/bracket dimensions



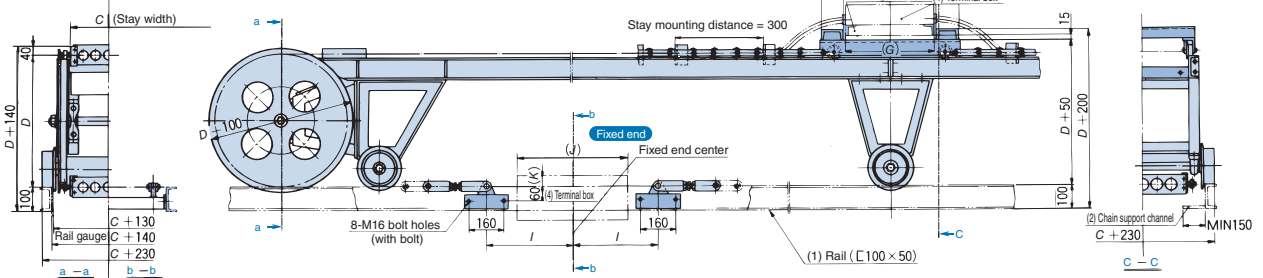
Maximum travel length: 100 m, maximum outer diameter of cable and hose: φ 80 mm, maximum cable/hose mass: 100 kg/m

The standard coating color is Munsell 2.5B6/2.

The stay on the moving end and fixed end both fasten the cables and hoses as clamp stays.

Notify the Tsubaki representative of the actual outer diameter of cables and hoses.

Parts fabricated by the customer: (1) Rails, (2) Chain support channel, (3) Connecting element for moving end bracket, (4) Terminal box



■ Dimensions

Bending radius R (mm)	Drum diameter D (mm)	A (mm)	B (mm)	E (mm)	F (mm)	(G) (mm)	I (mm)	J (mm)	(K) (mm)
175	350	1800	2000	620	420	max 410	390	max 500	max 40
200	400								
250	500								
300	600								

Bending radius R (mm)	Drum diameter D (mm)	A (mm)	B (mm)	E (mm)	F (mm)	(G) (mm)	I (mm)	J (mm)	(K) (mm)
350	700	1800	2000	620	420	MAX 410	390	MAX 500	MAX 40
400	800	2000	2500	820	620	MAX 610	440	MAX 600	MAX 60
500	800								

Basic specifications

Maximum travel speed (m/min)		120
Operating temperature range (°C)		-10 to 150
Materials	Chain	Steel
	Stay	Aluminum

Ordering information

Note: Discussions with a Tsubaki representative are necessary to select and order to the TKI Series.
Contact a Tsubaki representative for further information.



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