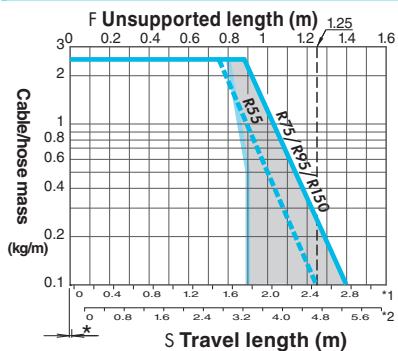


### Basic specifications

Maximum travel speed (m/min)	300 *1	
Operating temperature range (°C)	-40 to 80	
Materials	Link	Engineering plastic (black)
	Bracket	
	Vertical divider	
	Horizontal divider	Engineering plastic (white)
Standard length (No. of links)	100	

- Notes: ★ 1. 150 m/min for support roller arrangement.  
 2. Contact a Tsubaki representative regarding maximum acceleration.  
 3. Cannot be used in acidic or alkaline environments.

### Load diagram

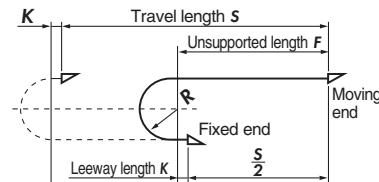


\* Includes leeway length.  
 \* 1: Without support rollers  
 \* 2: With support rollers  
 Note: At the conditions in the shaded area of the load diagram, the unsupported length section may run with a sag. This may cause interference between the cable carrier and equipment depending on the installation conditions. Contact a Tsubaki representative for further information.

### Calculating no. of links

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

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



S: Travel length (mm)  
 R: Bending radius (mm)  
 P: Pitch = 20 mm  
 K: Leeway length = 40 mm or greater

\* Set the leeway length K to 60 mm or greater for support roller arrangement. Set the installation distance of support rollers to 700 mm or less.

### Model number

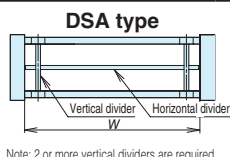
**TKR20H28W (1) R (2) + (3)L - (4) - (5)**

(1) Inner width	(2) Bending radius	(3) Number of links	(4) Fixed end	(5) Moving end
30	55		FU	MU
40	75		FO	MO
50	95		FI	MI
60	150			
80				
100				
120				

- Notes: 1. Dividers are delivered uninstalled.  
 2. Brackets are delivered installed.  
 3. Required number of vertical dividers: (normally installed every 2 links)  
 Number of links N for installing vertical dividers = (Total number of links + 1) ÷ 2  
 N: Integer (round down decimals)  
 Required number of vertical dividers = N x n  
 n: Number of vertical dividers installed per spot on the link

#### Divider

Type	Model number	Part	Unit
(1) Vertical divider (sliding installation)	TKR20H28-STAS	1 vertical divider	K (pcs)
(2) Vertical divider (fixable installation)	TKR20H28-STAL	1 vertical divider	K (pcs)
(3) Horizontal divider (For DSA type)	TKR20H28-HS (Dimension W) W = 30/40/50/60/80/100/120	1 horizontal divider	K (pcs)



Note: 2 or more vertical dividers are required.

#### Vertical divider

Model number	For cable carrier model number
TKR20H28-STAS	TKR20H28W ■■ R ■■
TKR20H28-STAL	

#### Horizontal divider

Model number	For cable carrier model number
TKR20H28-HS30	TKR20H28W30R ■■
TKR20H28-HS40	TKR20H28W40R ■■
TKR20H28-HS50	TKR20H28W50R ■■
TKR20H28-HS60	TKR20H28W60R ■■
TKR20H28-HS80	TKR20H28W80R ■■
TKR20H28-HS100	TKR20H28W100R ■■
TKR20H28-HS120	TKR20H28W120R ■■

#### Bracket

Model number	For cable carrier model number
TKR20H28W30-MU	TKR20H28W30R ■■
TKR20H28W30-MO	
TKR20H28W30-MI	
TKR20H28W30-FU	
TKR20H28W30-FO	
TKR20H28W40-MU	TKR20H28W40R ■■
TKR20H28W40-MO	
TKR20H28W40-MI	
TKR20H28W40-FU	
TKR20H28W40-FO	
TKR20H28W50-MU	TKR20H28W50R ■■
TKR20H28W50-MO	
TKR20H28W50-MI	
TKR20H28W50-FU	
TKR20H28W50-FO	
TKR20H28W60-MU	TKR20H28W60R ■■
TKR20H28W60-MO	
TKR20H28W60-MI	
TKR20H28W60-FU	
TKR20H28W60-FO	
TKR20H28W80-MU	TKR20H28W80R ■■
TKR20H28W80-MO	
TKR20H28W80-MI	
TKR20H28W80-FU	
TKR20H28W80-FO	
TKR20H28W100-MU	TKR20H28W100R ■■
TKR20H28W100-MO	
TKR20H28W100-MI	
TKR20H28W100-FU	
TKR20H28W100-FO	
TKR20H28W120-MU	TKR20H28W120R ■■
TKR20H28W120-MO	
TKR20H28W120-MI	
TKR20H28W120-FU	
TKR20H28W120-FO	

See page 15 for ordering information

See page 147 for product mass