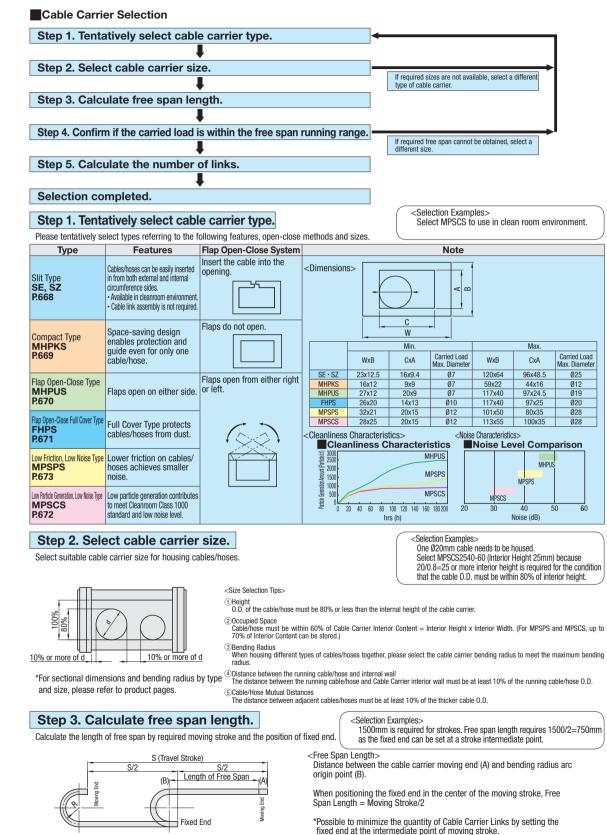
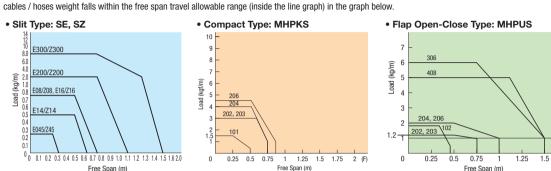
# **Cable Carriers - Overview**



### Step 4. Confirm the carried load and free span running range.

<Selection Examples> Cable weight is 1.5kg/m. When free span length is 0.75m, it is applicable because 1.5kg falls within the weight capacity line in the graph.

The relationship between the free span length and bearable load (weight of cables/hoses stored) depends on cable carrier types. Please check if housed



#### • Flap Open-Close Full Cover Type : FHPS • Low Friction, Low Noise Type : MPSPS

13

12

11

3580

2585

2550

203

1520

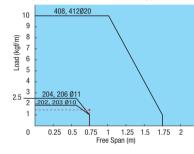
0 0.25 0.5 0.75

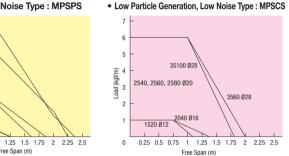
<Selection Examples>

Free Span (m)

2000+319.8 (Arc + Allowance)+0

45 (Pitch)





≈ 30 (Required Number of Links) + 2 (Number of Spare Links) \*1

S/2

S Moving End

S (Travel Stroke)

Free Spar

Fived End

Α

Drawing mark "HF" indicates a height with a potential bow that may

\*For K (Arc + Allowance), P (Pitch) and H/HF (Physical Height), see product

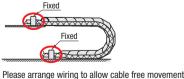
#### Step 5. Calculate the number of links.

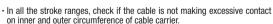


- $\frac{S}{2}$  +K+A n=2
- n · Number of Links
- S : Travel Stroke K : Arc + Margin (\*)
- A : Distance from an intermediate point (mm) when
- fixed end is not set at a travel stroke intermediate point.
- (0 when at an intermediate point)
- P: Pitch (\*)
- \*1 About Number of Spare Links
- In the case of new designs, there may be a possibility that carrier links
- run short. · It is recommended that links are selected longer by one or two links. and are adjusted (removed) at the time of installing (removing) device.
- · For installation, see product pages.

## Cautions on cable installation and mounting

Fix the cable on both ends of cable carrier





pages





occur when no cable hoses are inserted.

As 2000mm is required for FHPS408-70 and strokes, and the fixed end is set at a stroke intermediate point.



Please fix cables at both moving and fixed ends so that no undue tension force applies.

\* Cables can be tied with cable ties at the comb teeth ends with the Slit Type Cable Carrier on P.667.