

SB1 065 R

20X65 Open Design Cable carrier

PRODUCT DESCRIPTION

Material Properties

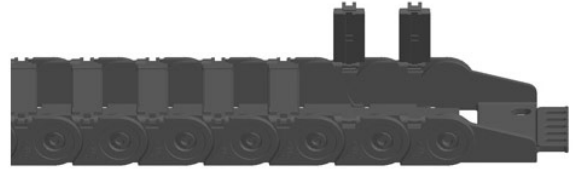
PA6 With %30 Fiber Glass

Applications

Gantry robot, Machining center, Textile machine,
Welding machine, Feeder unit, Wood work
machine, Fabric machine

Speed 8 m/sec

Operating Temperature -30 °C -+ 130°C



SB1

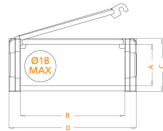
CABLE CARRIERS MEDIUM SERIES

| Inner Height (A) 20mm | Code | Radius | (A)mm | (B)mm | (C)mm | (D)mm | Weight Kg/Mt |
|---|--------------|---------------|-------|-------|-------|-------|--------------|
| <ul style="list-style-type: none"> • One side is fixed and closed, other (radius) side is openable • Should be used in supporting trays • SB1 025 – SB1 065 open (no caps) models • SB1 040 – SB1 060 bottom side is closed (complete cover) upper side open (no caps) models | SB1 025 R_01 | 40-75-100-125 | 20 | 25 | 27 | 37 | 0.441gr |
| | SB1 040 R_01 | 40-75-100-125 | 20 | 40 | 27 | 52 | 0.488gr |
| | SB1 060 R_01 | 40-75-100-125 | 20 | 50 | 27 | 62 | 0.653gr |
| | SB1 065 R_01 | 40-75-100-125 | 20 | 65 | 27 | 77 | 0.565gr |

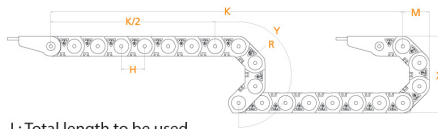
Maximum working speed :7M/S

Radius MUST be given in your orders. Example:

SB1 060 R75

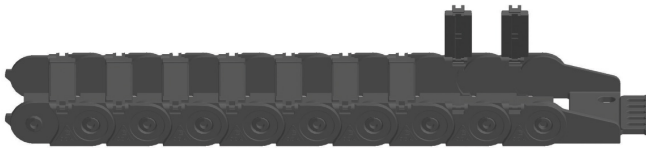


| R mm | H mm | X mm | M mm | Y mm |
|------|------|------|-------|------|
| 40 | 33 | 107 | 86.5 | 192 |
| 75 | 33 | 177 | 121.5 | 302 |
| 100 | 33 | 227 | 146.5 | 380 |
| 125 | 33 | 277 | 171.5 | 459 |



L: Total length to be used
K: Movement distance
Y: Radius

$$L: \frac{K}{2} + Y$$

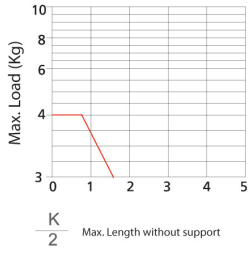


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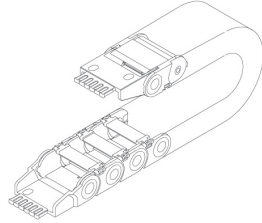
IMPORTANT POINTS

Self-supporting Capacity Diagram

Self-supporting capacity of the cable carrier according to weight of the cables and hoses

$$\frac{K}{2}$$

How to choose end bracket
End brackets

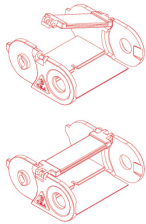
End brackets are the parts to be used to fix the cable carrier to the machine or equipment



Should be attached to the both ends of the cable carrier


How to use support rollers:

- Support rollers should be used after 1 meter
- Make sure that the cap (cover) is fixed properly
- Use an appropriate hand tool (screw driver) to open the cap
- Be careful not to damage the fixing nail of the cap (cover)



| CABLE CARRIER CODE | END BRACKET CODE | A | B |
|--------------------|------------------|---|---|
|--------------------|------------------|---|---|

| | | | |
|--------------|----------|----|----|
| SB1 025 R_01 | SB1 B025 | 10 | 37 |
| SB1 040 R_01 | SB1 B040 | 25 | 52 |
| SB1 050 R_01 | SB1 B050 | 35 | 62 |
| SB1 065 R_01 | SB1 B065 | 60 | 77 |
| | | | |
| | | | |

