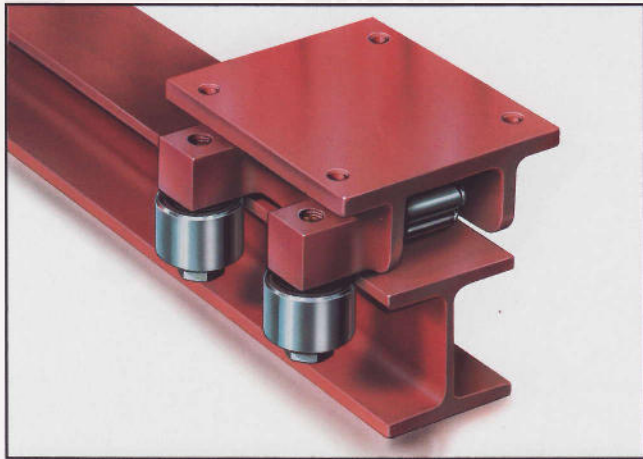


Accessory: lateral guide roller

For permanent loads / longer distances

Roller Skate – The Robusts and The Super-Robusts



Hints on use:

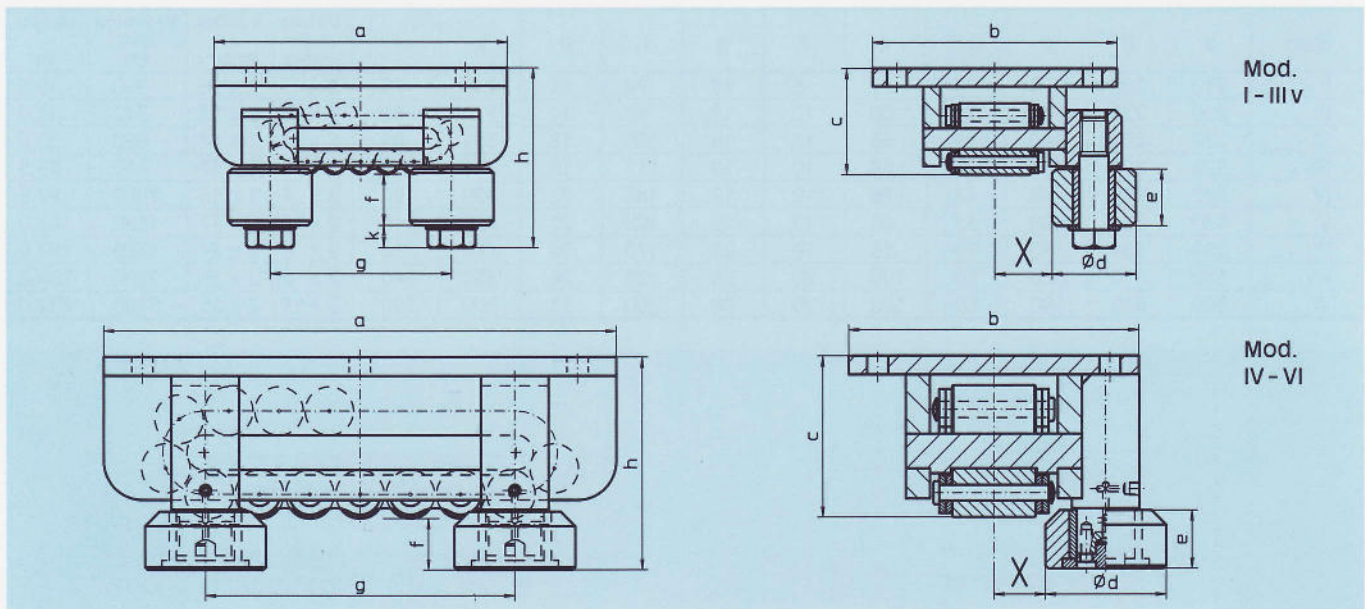
- To select suitable Skate – determine details of the rail track or determine dimension 'X', where dimension 'X' is the distance between the inner edge of guide rollers and the centre of the Roller Skate.
- To select suitable arrangement of guide roller(s):
 - if parallelism of beams or rails is uncertain, it is advisable to locate the guide roller on one profile edge only and then employ 4 guide rollers on each Skate (FR-E);
 - If parallelism is assured it is sufficient to use 2 guide rollers on each Skate (FR-C), bearing on both tracks.

Range of application:

- For longer distances and repeat journeys with permanent loads.
- On suitable tracks such as crane rails or steel beams.
- Numbers and arrangement of the guide rollers according to drawing 11+12.

Characteristics of the guide rollers ... FR:

- Robust, almost maintenance free; welded construction able to maintain a defined direction.
- Made to measure according to customers' requirements and/or the specific track.
- Minimum specification for Skates: hardened centre plate.
- If lateral guide rollers cannot be mounted due to space limitations, the use of lead rollers, mounted in front of (or behind) the Skate to suit the particular rail is recommended (see photo page 22).
- Position of fixing holes in top plate of Skate can be arranged to suit customers' requirement.
- If the hexagonal head of small guide roller spindle for model I-IIIv creates space problems, construction can be modified.
- For model IIIv there is also the option of large guide roller(s).
- Maximum speed: 5 m/min.



Mod. A-H-FR-, AS-H-FR-, AM-H-FR-

| Mod. | a | b | c | Ød | e | f | g | h | k | X min. | X max. | Admissible Radial Force per Guide Roller |
|------|-----|-----|-----|-----|----|----|-----|-----|----|--------|--------|--|
| I | 210 | 175 | 76 | 60 | 40 | 36 | 130 | 128 | 16 | 35 | 80 | 10 |
| II | 220 | 190 | 87 | 60 | 40 | 32 | 140 | 135 | 16 | 42 | 90 | 10 |
| III | 270 | 210 | 104 | 60 | 40 | 32 | 180 | 152 | 16 | 50 | 110 | 10 |
| IIIv | 320 | 220 | 115 | 60 | 40 | 32 | 230 | 163 | 16 | 55 | 115 | 10 |
| IV | 380 | 270 | 145 | 125 | 60 | 50 | 160 | 195 | – | 45 | 150 | 100 |
| V | 530 | 300 | 165 | 125 | 60 | 50 | 280 | 215 | – | 50 | 160 | 100 |
| VL | 580 | 300 | 170 | 125 | 60 | 50 | 340 | 220 | – | 50 | 160 | 100 |
| Vv | 650 | 350 | 190 | 170 | 60 | 50 | 340 | 240 | – | 50 | 170 | 150 |
| VI | 900 | 380 | 200 | 170 | 60 | 50 | 550 | 250 | – | 50 | 170 | 150 |

All dimensions in mm

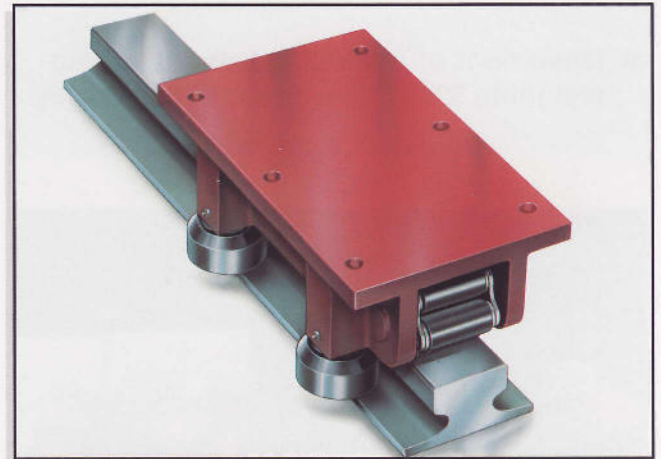
Roller Skate – The Robusts and The Super-Robusts

Range of application:

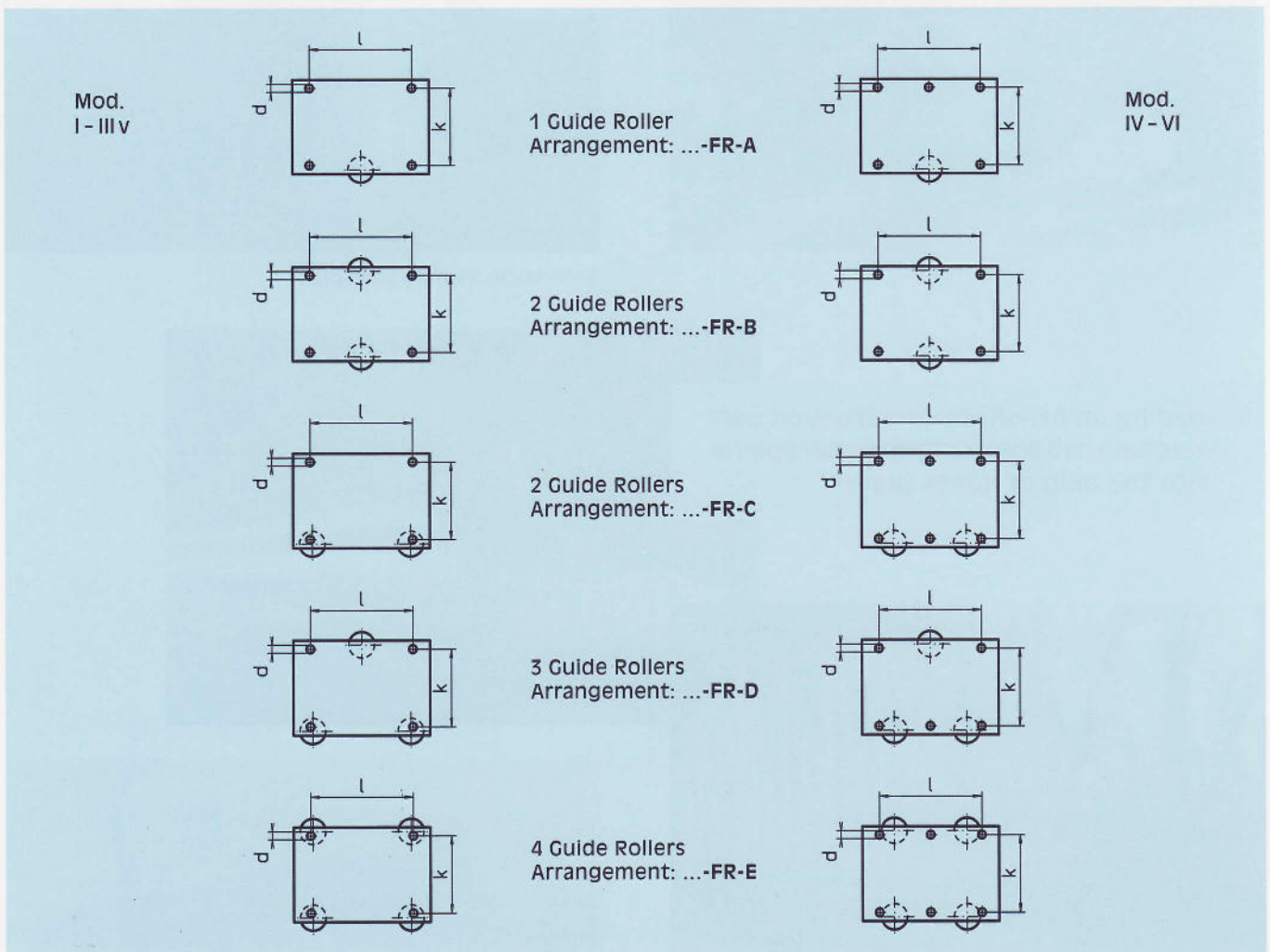
- For longer distances and repeat journeys with permanent loads.
- On suitable tracks such as crane rails or steel beams.
- Numbers and arrangement of the guide rollers according to drawing 11+12.

Hints on use:

- To select suitable arrangement of guide roller(s):
 - If parallelism of beams or rails is uncertain, it is advisable to locate the guide roller on one profile edge only and then employ 4 guide rollers on each Skate (FR-E);
 - If parallelism is assured it is sufficient to use 2 guide rollers on each Skate (FR-C), bearing on both tracks.
- If lateral guide rollers cannot be mounted due to space limitations, the use of lead rollers, mounted in front of (or behind) the Skate to suit the particular rail profile is recommended (see photo page 22).



- Position of fixing holes in top plate of Skate can be arranged to suit customers' requirement.



Mod. A-H-FR-, AS-H-FR-, AM-H-FR-

| Mod. | I | II | III | IIIv | | IV | V | VL | Vv | VI | Mod. |
|------|-----|-----|-----|------|--|-----|-----|-----|-----|-----|------|
| Ø d | 14 | 14 | 18 | 18 | | 22 | 22 | 26 | 26 | 33 | Ø d |
| k | 140 | 155 | 175 | 180 | | 220 | 240 | 250 | 280 | 300 | k |
| l | 150 | 150 | 190 | 240 | | 280 | 410 | 500 | 480 | 720 | l |

All dimensions in mm