

For bad working conditions / short distance

Roller Skate Express – The Robusts



Hints on use:

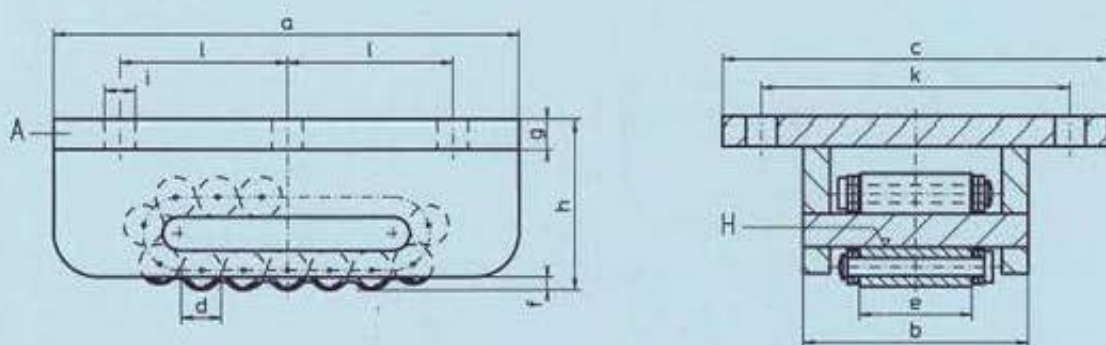
- Models I-IIIv have 4 bolt holes as standard.
- If the Rollers are being used to their maximum carrying capacity or with lengthy intervals between use choose models with a hardened centre plate (= model A-H).
- In case of possible overload, choose chain roller material 50CrV4 (B.S. 735 A 50; SAE 6150) (= models A-H-50CrV4).
- Maximum speed: 5 m/min.
- The rolling resistance depends on the track. For smaller models I-IIIv 7-5 %, for larger models 5-3 % of the total load.
- Can be arranged with guide rollers (see drawing 11+12).
- Location of the fixing holes can be arranged to suit customers' requirements.
- Optional in galvanised or stainless steel construction.

Range of application:

- For short distances.
- If possible on suitable tracks, e.g. crane rails or steel beams.
- Movement of heavy loads in mining, steel industry, machine construction, bridge construction and the ship building industry.
- Use as a conveyor, when the load is moving and the Roller Skates are fixed.
- Often used on construction sites.

Characteristics of the series of model...A:

- Robust construction.
- Low level construction with higher carrying capacity, exchangeable in outer dimensions with models ...AS+ ...AM.
- More stability achieved if load is firmly bolted to Roller Skate.
- Available with hardened centre plate (= models A-H) or additionally with higher tensile roller material 50CrV4 (= SAE 6150) (= models A-H-50CrV4).



Mod. A, A-H (H = hardened and machined centre plate), A-H-50CrV4 (roller material 50CrV4)

Mod.	a	b	c	Ø d	e	f	g	h	Ø i	k	l	Rollers under stress	Number of Rollers	Maximum load kN	Weight kg
I	210	100	175	18	51	6	13	76	14	140	75	5	15	150	8.9
II	220	113	190	24	60	10	14	87	14	155	75	4	13	200	11.7
III	270	130	210	30	68	10	14	104	18	175	95	4	13	400	19.3
IIIv	320	140	220	30	68	10	18	115	18	180	120	6	17	500	29.0
IV	380	168	270	42	76	19	19	145	22	220	140	4	13	650	51.0
V	530	182	300	50	86	19	19	165	22	240	205	6	17	850	92.0

All dimensions in mm