

Roller Skate Express – The Solids



Hints on use:

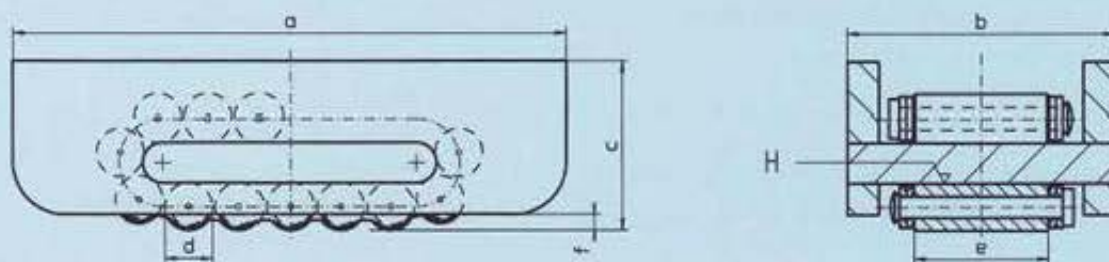
- If the Rollers are being used to their maximum carrying capacity or with lengthy intervals between use choose models with a hardened centre plate (= model C-H).
- In case of possible overload, choose chain roller material 50CrV4 (B.S. 735 A 50; SAE 6150) (= models C-H-50CrV4).
- Maximum speed: 5 m/min.
- The rolling resistance depends on the track.
For smaller models I-III 7-5 %, for larger models 5-3 % of the total load.
- If necessary this model can be reduced in height for special applications.
- For scaffolding application the chain alone can be used. (length according to customers' specification).

Range of application:

- For short distances.
- If possible on suitable tracks, e.g. crane rails or steel beams.
- Movement of moderately heavy loads e.g. to transport materials in ovens, for shuttering, concreting or stocking techniques.
- Use as a conveyor, when the load is moving and the Roller Skates are fixed.
- Ideal model for confined spaces.

Characteristics of the Series of model... C:

- Stable, solid basic construction.
- Low level construction and smooth top achieved after welding, models C and B are of the same height.
- Can be welded to the load to ensure Roller Skates and load are firmly connected.
- Available with hardened centre plate (= models C-H) or additionally with higher tensile roller material 50CrV4 (= SAE 6150) (= models C-H-50CrV4).



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

Mod.	a	b	c	Ø d	e	f					Rollers under stress	Number of Rollers	Maximum load kN	Weight kg
I	210	100	63	18	51	6					5	15	100	5.0
II	220	113	73	24	60	10					4	13	150	7.0
III	270	130	90	30	68	10					4	13	300	12.5
IV	380	168	126	42	76	19					4	13	600	32.0
V	530	182	146	50	86	19					6	17	800	61.0

All dimensions in mm