

Roller Skate Express – The Super-Robusts

Range of application:

- For longer distances and/or permanent loads.
- On suitable tracks, crane rails or steel beams.
- Movement of heavy loads for longer distances or for progressive shifting of scaffolding and shuttering in bridge construction. Also used for hangar doors (hardened shelters), as crawler tracks, in nuclear power stations, in institutes for nuclear research, on oil rigs, in the ship building industry and for tunnel construction.
- Use as a conveyor, when the load is moving and the Roller Skates are fixed.

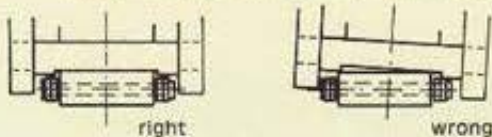


Characteristics of the series of model... AS:

- Extra robust construction.
- Low level construction, exchangeable in outer dimensions with model ...AM and ...A.
- More stability achieved, if load is firmly bolted to Roller Skates.
- More stable operation and distribution of load.
- Reduced wear by centre plate chain guide (no contact between chain and side walls, no wear on rivet heads).

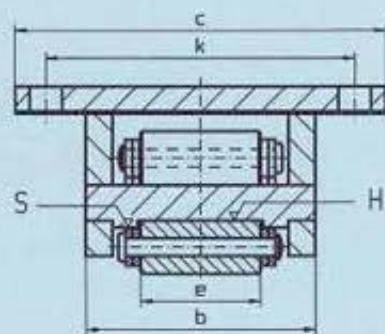
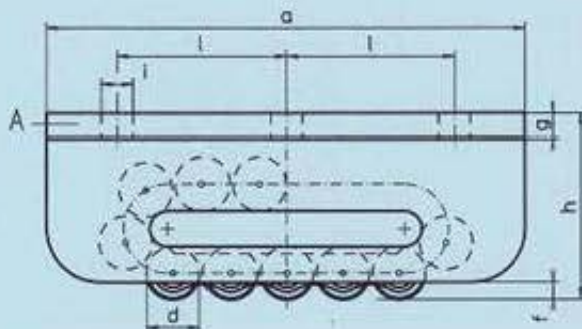
* Sticker on every Roller Skate with S-guide:

Attention! This model has a chain guide in the central bridge for the roller chain. Ensure that all rollers run exactly inside the chain guide before setting down.



Hints on use:

- Models I-IIIv have 4 bolt holes as standard.
- If problems of load distribution occur e.g. by wind forces, it is necessary to choose model AS-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.
- Available 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.
- Several models for off-shore purposes approved by LRS, ABS and DnV.



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

Mod.	a	b	c	Ø d	e	f	g	h	Ø l	k	l	Rollers under stress	Number of Rollers	Maximum load kN	Weight kg
III	270	130	210	30	68	10	14	104	18	175	95	4	13	400	19.6
IIIv	320	140	220	30	68	10	18	115	18	180	120	6	17	500	29.5
IV	380	168	270	42	76	19	19	145	22	220	140	4	13	650	51.7
V	530	182	300	50	86	19	19	165	22	240	205	6	17	850	93.0
VL	580	182	300	50	86	19	23	170	26	250	250	8	21	1000	109.0
Vv	650	205	350	50	100	20	28	190	26	280	240	9	23	1500	162.0
VI	900	205	380	50	100	20	38	200	33	300	360	13	31	2000	266.0

All Dimensions in mm