MENNENS | Lifting Solutions Group
Axel Johnson International

Aluminum Lever Hoist Powertex PALH-S1

Product information



Extremely small and lightweight aluminum lever hoist. It weighs only approximately 50% of a similar standard lever hoist. The hoist can be used for lifting as well as pulling. 250 kg-750 kg hoists are delivered with a handy carrying/belt bag.

Features:

- Safe - Each hoist is dynamic proof load tested 1,5 x WLL before leaving the factory
- Compact, lightweight construction with aluminum covers
- Durable construction with powder coated finish and plated frame parts
- Lever hoist is chromium 6 free
- Sealed bearings inside maximize efficiency and serviceability.
- Sprocket wheel surface treated against wear and corrosion
- Safe and well covered automatic load reaction break
- Equipped with double brake pawls
- Fine calibrated Electro Galvanized (European made) load chain for smooth operation
- Swivel hooks at both ends makes in line positioning easy
- Hooks are designed to open at overload instead of breaking
- Hooks fitted with heavy duty steel safety latches
- Hook have Deformation Check Dots forged into side for overload detection
- RFID equipped (chip) for easy service and inspection
- QR code for on-site access to Multilanguage user manuals
- Test certificate and Declaration of Conformity enclosed with each h

... *Read more*

Material: Durable aluminium/steel construction, rubber handle
Marking: According to standard, CE-mark, Powertex, Model, WLL, Chain type , Serial number, User manual/QR code
Temperature range: -10°C up to +50°C
Finish: White powder coated body, side plate assembly and hooks black powder coated
Standard: EN 13157, EN 818-7

Safety factor: 4:1

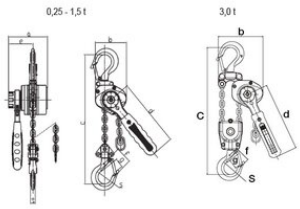
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Blueprint



Technical data

Part code	WLL ton	Lifting height m	Number of falls	Model	Load chain mm	Hand force max. kg	a mm	b mm	c mm	d mm	e mm	f mm	g mm	s mm	t mm	Weight kg
500500030150460	0.25	1.5	1	PALH-S1/250KG	3 x 9	29	87	68	200	145	55.5	35.5	21	32	11	1.45
500500030300460	0.25	3	1	PALH-S1/250KG	3 x 9	29	87	68	200	145	55.5	35.5	21	32	11	1.95
500500050150460	0.5	1.5	1	PALH-S1/500KG	4 x 12	27	100.5	81	250	160	62.5	42	24.5	34.5	12	2.5
500500050300460	0.5	3	1	PALH-S1/500KG	4 x 12	27	100.5	81	250	160	62.5	42	24.5	34.5	12	3.3
500500080150460	0.75	1.5	1	PALH-S1/750KG	5 x 15	33	105	92	260	180	64	42	28.5	35.5	14	3.4
500500080300460	0.75	3	1	PALH-S1/750KG	5 x 15	33	105	92	260	180	64	42	28.5	35.5	14	4.3
500500150150460	1.5	1.5	1	PALH-S1/1500KG	7,1 x 20,1	42	122	109	330	220	68.5	52	35	42.5	21.5	6.27
500500150300460	1.5	3	1	PALH-S1/1500KG	7,1 x 20,1	42	122	109	330	220	68.5	52	35	42.5	21.5	8.2
500500300150460	3	1.5	2	PALH-S1/3000KG	7,1 x 20,1	43	122	160	432	220	68.5	61.9	43	50	24.5	9.11
500500300300460	3	3	2	PALH-S1/3000KG	7,1 x 20,1	43	122	160	432	220	68.5	61.9	43	50	24.5	12.4

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