Lifting Solutions Group
Axel Johnson International

Lever Hoist POWERTEX PLH-S2 PHCA

Product information



The Powertex PLH-S2 Lever Hoist is a high-quality hoist designed for durability, safety, and ease of operation. Its ergonomic ratchet lever and safety-added features ensure smooth and efficient lifting for various industrial applications.

Product benefits:

- Enhanced safety: each hoist undergoes dynamic proof load testing at 1.5 times the Working Load Limit (WLL) before leaving the factory, ensuring maximum safety and reliability. The hoist is equipped with a well-covered automatic load reaction brake and features double safety with two brake pawls and four brake springs, exceeding EN 13157 requirements. The load chain is calibrated, proof load tested and meets the requirements of EN 818-7.

- Smooth and efficient operation: the compact and lightweight construction, combined with a sprocket wheel equipped with needle bearings and a drive shaft supported by needle and slide bearings, ensures smooth and efficient operation. The fine-calibrated load chain offers quiet and seamless performance.

- Quality load chain: the load chain complies with the EN818-7 T(8) standard and features a Chrome 6-free electro-galvanized surface finish to protect it from corrosion.

- Easy positioning and safe hooks: swivel hooks at both ends make in-line positioning easy. The hooks are designed to open at overload instead of breaking, enhancing safety. Heavy-duty steel safety latches and deformation check dots forged into the side of the hooks allow for easy overload detection.

- Convenient maintenance and documentation: each hoist is RFID-equipped for easy service and inspection, and a QR code provides on-site acces... *Read more*

Material: Durable all steel construction
Marking: According to standard, CE-mark, UKCA-marked, POWERTEX, Model, WLL, Chain, Serial number, User manual/QR code
Temperature range: -10°C up to +50°C
Finish: Powder coated finish and plated frame components
Standard: EN 13157, EN 818-7

Safety factor: 4:1

Also available with COROLIM® surface-treated load chain. The unique COROLIM® surface treatment of the load chain provides excellent corrosion protection, equivalent to ISO944-9 C5 High / ISO9223 C3 standards, ensuring long-lasting durability even in harsh environments.

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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	H min mm	Weight kg
500500030150880	0.25	1.5	1	PLH-S2/250KG PHCA	4,0 x 12,0	28.2	100	70	86	163	20	31	235	2.7
500500030300880	0.25	3	1	PLH-S2/250KG PHCA	4,0 x 12,0	28.2	100	70	86	163	20	31	235	3.23
500500050150880	0.5	1.5	1	PLH-S2/500KG PHCA	5,0 x 15,0	24.8	150	90	118	253	22	32	310	5.2
500500050300880	0.5	3	1	PLH-S2/500KG PHCA	5,0 x 15,0	24.8	150	90	118	253	22	32	310	5.95
500500080150880	0.8	1.5	1	PLH-S2/800KG PHCA	5,6 x 17,0	26.5	158	98	132	273	26	36	340	6.6
500500080300880	0.8	3	1	PLH-S2/800KG PHCA	5,6 x 17,0	26.5	158	98	132	273	26	36	340	7.6
500500160150880	1.6	1.5	1	PLH-S2/1600KG PHCA	7,1 x 21,0	29.5	185	111	145	378	29	43	400	11
500500160300880	1.6	3	1	PLH-S2/1600KG PHCA	7,1 x 21,0	29.5	185	111	145	378	29	43	400	12.6
500500320150880	3.2	1.5	1	PLH-S2/3200KG PHCA	10,0 x 28,0	33.5	212	124	198	418	37	50	520	19.9
500500320300880	3.2	3	1	PLH-S2/3200KG PHCA	10,0 x 28,0	33.5	212	124	198	418	37	50	520	23.2
500500630150880	6.3	1.5	2	PLH-S2/6300KG PHCA	10,0 x 28,0	37	212	124	230	418	43	53	640	24.6
500500630300880	6.3	3	2	PLH-S2/6300KG PHCA	10,0 x 28,0	37	212	124	230	418	43	53	640	31.2
500500900150880	9	1.5	3	PLH-S2/9000KG PHCA	10,0 x 28,0	42	212	124	338	418	44	67	730	50
500500900300880	9	3	3	PLH-S2/9000KG PHCA	10,0 x 28,0	42	212	124	338	418	44	67	730	60

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