Lifting Solutions Group
Axel Johnson International

Lever Hoist POWERTEX PLH-S2OLP with Ball Bearing Hook

Product information

The Powertex PLH-S2 OLP Chain Hoist is a high-quality lever hoist with a ball-bearing hook, designed to provide durability, safety, and ease of operation. With its ergonomic ratchet lever, safety-added features, and built-in overload protection, this chain hoist ensures smooth and efficient lifting for various industrial applications. This OLP version has an integrated Overload Protection, which ensures safe lifting and prevents unintended overloading of the hoist.

Product benefits:

- Overload protection device: the OLP hoists are factory-equipped with an Overload Protection device, which limits the maximum operating force that can be applied using the hand chain, ensuring safe and controlled lifting operations.

- 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 and AS 1418.2 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.

... *Read more*

Material: Durable all steel construction
Marking: According to standard, CE-marked, 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: AS 1418.2, 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	H min mm	Weight (kg)
500500050151041	0.5	1.5	1	PLH-S2OLP/500KG PHCA BB	5,0 x 15,0	24.8	150	90	118	253	22	32	310	5.2
500500080151041	0.8	1.5	1	PLH-S2OLP/800KG PHCA BB	5,6 x 17,0	26.5	158	98	132	273	26	36	340	6.6
500500160151041	1.6	1.5	1	PLH-S2OLP/1600KG PHCA BB	7,1 x 21,0	29.5	185	111	145	378	29	43	400	11
500500320151041	3.2	1.5	1	PLH-S2OLP/3200KG PHCA BB	10,0 x 28,0	33.5	212	124	198	418	37	50	520	19.9
500500630151041	6.3	1.5	2	PLH-S2OLP/6300KG PHCA BB	10,0 x 28,0	37	212	124	230	418	43	53	640	24.6
500500900151041	9	1.5	3	PLH-S2OLP/9000KG PHCA BB	10,0 x 28,0	42	212	124	338	418	44	67	730	50

Certex Lifting
info@certexlifting.com.au
1800 237 839

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