



## Chain Block POWERTEX PCB-S2 with electrogalvanized chain

### Product information



The Powertex PCB-S2 Hoist is a high-quality chain block designed to provide durability, safety, and ease of operation. With its ergonomic hand chain and advanced features, this chain hoist ensures 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 access to multilingual user manuals. A test certificate and Declaration of Conformity are enclosed with each hoist, ensuring compliance and traceability.
- **Available spare parts:** spare parts such as hooks, brake discs, safety latches, and chains are readily available, ensuring that maintenance and repairs can be carried out efficiently and further extending the hoist's service life.

#### Product Options:

- **Chain bag:** an optional chain bag is available for added convenience and organization.
- **Overload Protection Device (OLP):** an overload Protection device limits the maximum operating force that can be applied using the hand chain, ensuring safe and controlled lifting operations. Check the PCB-S2 OLP model.

- **Blackline:** our PCB-S2 Blackline series offers hoists with black housing and chains, an excellent choice for the entertainment industry, where lifting equipment with low light reflection is appreciated.

**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:** Red powder coated body and plated frame components

**Standard:** EN 13157, EN 818-7

**Safety factor:** 4:1

Part Code	WLL ton	Lifting height m	Number of falls	Weight kg	Model	Load chain mm	Hand chain mm	Hand force max. kg	A mm	B mm	C mm	D mm	H min mm
500100030300670	0.25	3	1	5.9	PCB-S2/250KG PHCA	4,0 x 12,0	5,0 x 23,7	23.5	108	106	20	30	260
500100030600670	0.25	6	1	6.4	PCB-S2/250KG PHCA	4,0 x 12,0	5,0 x 23,7	23.5	108	106	20	30	260
500100031000670	0.25	10	1	14.1	PCB-S2/250KG PHCA	4,0 x 12,0	5,0 x 23,7	23.5	108	106	20	30	260
500100050300670	0.5	3	1	9.8	PCB-S2/500KG PHCA	5,0 x 15,0	5,0 x 23,7	24.9	130	128	22	34	280
500100050600670	0.5	6	1	9.8	PCB-S2/500KG PHCA	5,0 x 15,0	5,0 x 23,7	24.9	130	128	22	34	280
500100050400670	0.5	4	1	11.2	PCB-S2/500KG PHCA	5,0 x 15,0	5,0 x 23,7	24.9	130	128	22	34	280
500100050500670	0.5	5	1	15.1	PCB-S2/500KG PHCA	5,0 x 15,0	5,0 x 23,7	24.9	130	128	22	34	280
500100100300670	1	3	1	11.7	PCB-S2/1000KG PHCA	6,3 x 19,0	5,0 x 23,7	28.4	150	145	26	39	330
500100100600670	1	6	1	12	PCB-S2/1000KG PHCA	6,3 x 19,0	5,0 x 23,7	28.4	150	145	26	39	330
500100100500670	1	5	1	13.3	PCB-S2/1000KG PHCA	6,3 x 19,0	5,0 x 23,7	28.4	150	145	26	39	330
500100100900670	1	9	1	22.2	PCB-S2/1000KG PHCA	6,3 x 19,0	5,0 x 23,7	28.4	150	145	26	39	330
500100200250670	2	2.5	1	17.58	PCB-S2/2000KG PHCA	8,0 x 24,0	5,0 x 23,7	34.3	185	175	35	49	385
500100200300670	2	3	1	18.9	PCB-S2/2000KG PHCA	8,0 x 24,0	5,0 x 23,7	34.3	185	175	35	49	385
500100200600670	2	6	1	19.5	PCB-S2/2000KG PHCA	8,0 x 24,0	5,0 x 23,7	34.3	185	175	35	49	385
500100300300670	3	3	2	28.9	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510

500100300600670	3	6	2	28.9	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510
500100300500670	3	5	2	31.9	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510
500100300800670	3	8	2	35.65	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510
500100301000670	3	10	2	42.55	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510
500100301500670	3	15	2	52.3	PCB-S2/3000KG PHCA	7,1 x 21,0	5,0 x 23,7	34.3	220	158	37	50	510
500100500300670	5	3	2	37.1	PCB-S2/5000KG PHCA	9,0 x 27,0	5,0 x 23,7	37.2	255	183	43	60	615
500100500600670	5	6	2	51.05	PCB-S2/5000KG PHCA	9,0 x 27,0	5,0 x 23,7	37.2	255	183	43	60	615
500100500800670	5	8	2	59.1	PCB-S2/5000KG PHCA	9,0 x 27,0	5,0 x 23,7	37.2	255	183	43	60	615
500100501000670	5	10	2	67.9	PCB-S2/5000KG PHCA	9,0 x 27,0	5,0 x 23,7	37.2	255	183	43	60	615

## Blueprint



