Lifting Solutions Group
Axel Johnson International

Weld-On Hook Powertex WH

Product information



The Powertex WH weld-on hook is a permanent load connection point for welding onto lifting beams, excavators and other earth-moving machinery. It is designed for loading within a 135° area in the intended load plane, from +45° to -90° relative to the weld-on surface.

Best used for

- Permanent hook attachment on lifting beams and earth-moving machinery.

Product benefits

- 135° permitted loading area provides flexibility within the intended load plane.
- Unpainted weld base enables immediate welding with reduced smoke and fumes.
- Powder-coated hook provides corrosion and wear resistance.
- Tested in accordance with EN 1677-1 and AS 3776 requirements.
- Each hook is crack-detection tested, and production samples are proof-load tested. The product design is fatigue-tested to 20,000 cycles at 1.5 times the WLL.
- The traceability code links components to the production lot and raw materials.
- Full WLL from -40°C to +200°C, with reductions at higher temperatures

... *Read more*

Features: Weldable base prepared for immediate welding, spart part kits available
Material: Forged Alloy Steel
Marking: CE-mark, UKCA-marked, Powertex, model name, WLL and batch number
Temperature range: -40°C up to +200°C
Finish: Powder painted in PURE RED
Note: The LPW is WLL (Working Load Limit) rated, assuming that the correct welding procedure is meticulously followed and executed by a suitably qualified welder, to maintain the product's integrity and compliance with safety regulations.

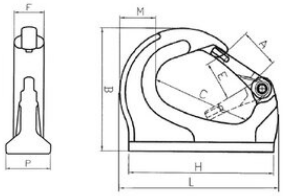
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Blueprint



Technical data

Part code	Code	WLL ton	A mm	B mm	C mm	E mm	F mm	H mm	M mm	L mm	P mm	Weight kg
420500101250	WH-1T	1	23	76	63	22	18	93	22.5	101	25	0.54
420500201250	WH-2T	2	29	92	66	26	20.5	81	23.3	111	34	0.87
420500301250	WH-3T	3	30	106	75	30	24	116	30	128	36	1.3
420500501250	WH-5T	5	39	133	98	36	28	160	43	176	43.5	2.7
420500801250	WH-8T	8	36	137	99	34.5	39	166	50	175	51	3.5
420501001250	WH-10T	10	49	169	140	49	38	205	55	222	53	5.2

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