Lifting Solutions Group
Axel Johnson International

Lifting Point Weldable Powertex LPW

Product information

The Powertex LPW weldable lifting point is a permanent lifting point for welding onto machinery, lifting beams, earth-moving equipment and tools. Its forged D-ring pivots 180° and maintains the same WLL in all permitted loading directions. An integrated spring holds the D-ring against the surface to reduce rattling in vibrating environments.

Best used for

- Permanent lifting points on machinery, equipment, lifting beams and tools.
- Vibrating equipment where reduced D-ring movement and rattling are beneficial.

Product Features:

- 180° pivoting D-ring accommodates loads within the permitted pivot plane.
- Uniform WLL in all allowed directions simplifies load planning.
- Integrated spring holds the D-ring against the surface, reducing rattling.
- Blasted housing provides a prepared surface for professional welding.
- Tested in accordance with EN 1677-1 and AS 3776 requirements.
- Each lifting point 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 +100°C, with reductions at higher temperatures

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Features: Weldable, same WLL in all intended load directions (no side-loading)
Material: Forged Alloy Steel
Marking: According to standard, CE-mark, UKCA-marked, Powertex, model name, WLL and batch number
Temperature range: -40 up to +100°C without reduction in WLL
Finish: Powder painted in PURE RED
Standard: EN 1677-1, AS 3776
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.
Warning: Side loading of the D-ring is not permitted

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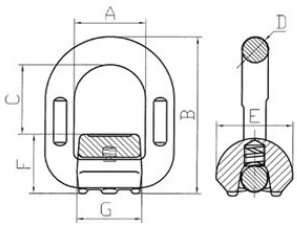
Blueprint



Technical data

Part code	WLL ton	Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight kg
4215LPW1T	1	LPW-1T	41	80	35	13	38	33	37	0.47
4215LPW2T	2	LPW-2T	42	90	41	14	40	36	38	0.5
4215LPW3T	3	LPW-3T	46	96	42	17	43	37	44	0.7
4215LPW5T	5	LPW-5T	55	121	48	22	61	50	50	1.5
4215LPW8T	8	LPW-8T	70	144	62	26	70	54	66	2.5
4215LPW10T	10	LPW-10T	85	168	78	28	76	62	78	3.6
4215LPW15T	15	LPW-15T	97	187	86	36	90	72	90	5.8

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