Lifting Solutions Group
Axel Johnson International

Lifting Point POWERTEX LPD - Long Bolt version

Product information



The Powertex LPD lifting point with a decentered link and long bolt is a 360° rotating and 150° pivoting lifting point for industrial lifting applications. The extra-long bolt and nut make this version suitable for mounting through holes. Its spacious forged D-shaped link and uniform WLL in all permitted loading directions support flexible load connection and simpler load planning.

Best used for

- Through-hole mounting where an extra-long bolt and nut are required
- Lifting applications requiring the same WLL in different loading directions.
- Vibrating machinery and vehicles where reduced rattling is beneficial.

Not ideal for

- Rotation under load. Use a ball-bearing lifting point such as POWERTEX LPB instead.

Product benefits

- Extra-long bolt and nut enable mounting through holes.
- 360° rotation and 150° pivot motion accommodate changing load directions.
- Uniform WLL in all directions simplifies load planning.
- Integrated spring reduces rattling and holds the D-ring vertically.
- 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 +200°C, with reductions at higher temperatures

... Read more

Features: 360 degrees rotatable, quiet, spacious link, through hole mounting
Material: Forged alloy steel
Marking: According to standard, CE-mark, UKCA-marked, POWERTEX, model name, WLL and batch number
Temperature range: -40 up to +200°C without reduction in WLL
Finish: Powder painted in PURE RED
Standard: EN 1677-1, AS 3776
Note: Before use, review the WLL diagram to select the correct LPD for your application

Safety factor: 4:1

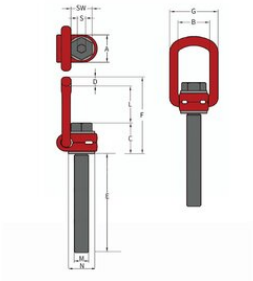
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Blueprint



Technical data

Part code	WLL ton	Thread mm	Model	Torque Nm	E mm	A mm	B mm	C mm	D mm	F mm	G mm	N mm	L mm	S mm	SW mm	M mm	Weight kg
4215LPDM8LB	0.3	M8	LPD-M8LB	30	64	34	37	42	14	98.5	57	31	42.5	6	13	M8	0.5
4215LPDM10LB	0.63	M10	LPD-M10LB	60	80	34	37	44	14	98.5	57	31	40.5	6	16	M10	0.5
4215LPDM12LB	1	M12	LPD-M12LB	100	104	34	37	45	14	98.5	57	31	39.5	8	18	M12	0.6
4215LPDM16LB	1.5	M16	LPD-M16LB	150	128	34	37	48	14	98.5	57	31	36.5	10	24	M16	0.7
4215LPDM20LB	2.5	M20	LPD-M20LB	250	160	50	54	58	16.5	143	82	45	68.5	12	30	M20	1.7
4215LPDM24LB	4	M24	LPD-M24LB	400	192	50	54	61	16.5	143	82	45	65.5	14	36	M24	2
4215LPDM30LB	5	M30	LPD-M30LB	500	240	60	65	82	22	170	99	59	66	17	46	M30	4.1
4215LPDM36LB	8	M36	LPD-M36LB	800	288	77	85	104	27	226.5	123	69	95.5	22	55	M36	7.6
4215LPDM42LB	15	M42	LPD-M42LB	1,500	336	95	104	117	36	257.5	158	98	104.5	22	65	M42	14
4215LPDM48LB	20	M48	LPD-M48LB	2,000	384	95	104	120	36	257.5	158	98	101.5	27	75	M48	16

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