Lifting Point Powertex LPB

Product information



The Powertex LPB lifting point with ball bearing is a 360° rotating and ±115° pivoting lifting point for industrial lifting applications. Its integrated ball bearing allows smooth rotation under load, while the forged housing with hexagon-shaped grip supports straightforward mounting using standard tools.

Best used for

- Lifting applications requiring rotation or changing load directions.
- Applications where smooth rotation under load is required.

Product benefits

- Ball bearing enables smooth 360° rotation under load.
- ±115° pivot motion accommodates changing load directions.
- Hexagon-shaped forged housing enables mounting with standard tools.
- The WLL chart allows a higher WLL for straight vertical loading.
- 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 to theraw materials.
- Full WLL from -40°C to +200°C, with reductions at higher temperatures

... Read more

Features: 360 degrees rotatable (also under load)
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
Note: Before use, review the WLL diagram to select the correct LPB for your application

Safety factor: 4:1

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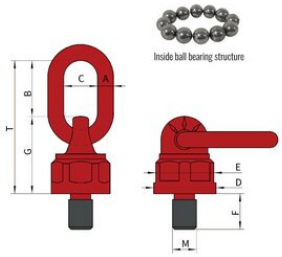
Blueprint



Technical data

Part code	WLL ton	Thread mm	Model	Torque Nm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	T mm	M mm	Weight kg
4215LPBM8	0.4	M8	LPB-M8	10-40	12	43.5	30	40	37	12	54	97.5	M8	0.44
4215LPBM10	0.6	M10	LPB-M10	10-40	12	43.5	30	40	37	19	54	97.5	M10	0.45
4215LPBM12	0.7	M12	LPB-M12	15-40	12	43.5	30	40	37	19	54	97.5	M12	0.45
4215LPBM16	1.5	M16	LPB-M16	45-130	12	43.5	30	40	37	31.8	54	97.5	M16	0.5
4215LPBM20	2.5	M20	LPB-M20	100-170	20	67	40	70	64.5	38.1	93	160	M20	2.3
4215LPBM24	4	M24	LPB-M24	190-280	20	67	40	70	64.5	38.1	93	160	M24	2.4
4215LPBM30	6	M30	LPB-M30	270-600	22	95	51	79	74	50	111	206	M30	3.8
4215LPBM36	10	M36	LPB-M36	270-600	22	95	51	79	74	54	111	206	M36	3.9
4215LPBM42	13	M42	LPB-M42	350-800	26	108	65	93	85	63	122.5	230.5	M42	6
4215LPBM48	14	M48	LPB-M48	350-800	26	108	65	93	85	68	122.5	230.5	M48	6.2
4215LPBM56	20	M56	LPB-M56	350-900	32	120	70	105	95	84	158	278	M56	10.1
4215LPBM64	20	M64	LPB-M64	500-1000	32	120	70	105	95	95	158	278	M64	10.9

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