Lifting Point Ring Bolt Powertex LP580

Product information



The Powertex LP580 lifting eye bolt is a fixed lifting point for permanently attaching to equipment such as motors, control cabinets, and gearboxes. Designed primarily for straight single-point lifts, it must be screwed tightly against the structure or load before lifting. Please check other products in our range for more advanced and versatile lifting points.

Best used for

- Straight single-point lifting of equipment with a suitable threaded connection.
- Permanent lifting points where directional adjustment is not required.

Not ideal for

- Multi-directional lifting. Use a swivel lifting point for greater flexibility.

Product benefits

- Fixed eye provides a simple lifting connection for permanent installations.
- WLL marking and directional arrow support correct load planning.
- WLL table defines applicable reductions for permitted sideways loading.
- Manufactured to meet the testing requirements specified by DIN 580.
- Factory load-tested production samples support consistent product quality.
- Traceability code links components to the production lot and raw materials.
- Electro-galvanized, Chromium 6-free finish provides corrosion protection.
- Full WLL from -20°C to +200°C.

... *Read more*

Material: Carbon Steel C15E
Marking: According to standard, CE-mark, PX, Material, WLL, Nominal size, Batch number, Arrow indicating the axial direction
Temperature range: -20°C up to +200°C
Finish: Electro galvanized (Cr-6 free)
Standard: DIN 580
Note: The lifting eyes shall be screwed tight against the surface. Reduce WLL when not loading straight (see load table).

Safety factor: 6:1

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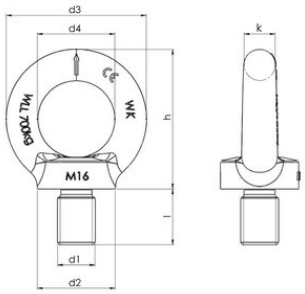
Blueprint



Technical data

Part code	Code	WLL ton	Min. breaking force kN	Thread mm	d1 mm	d2 mm	d3 mm	d4 mm	h mm	k mm	l mm	Weight kg
421100751292	LP580-M6	0.075	4.4	M6	M6	20	36	20	36	8	13	0.05
421100011290	LP580-M8	0.14	8.2	M8	M8	20	36	20	36	8	13	0.06
421100021290	LP580-M10	0.23	13.5	M10	M10	25	45	25	45	10	17	0.1
421100031290	LP580-M12	0.34	20	M12	M12	30	54	30	53	12	20.5	0.17
421100051290	LP580-M14	0.49	28.8	M14	M14	35	63	35	62	14	27	0.28
421100071290	LP580-M16	0.7	41.2	M16	M16	35	63	35	62	14	27	0.29
421100121290	LP580-M20	1.2	70.6	M20	M20	40	72	40	71	16	30	0.45
421100181290	LP580-M24	1.8	106	M24	M24	50	90	50	90	20	36	0.89
421100321290	LP580-M30	3.2	189	M30	M30	65	108	60	109	24	45	1.6
421100461290	LP580-M36	4.6	271	M36	M36	75	126	70	128	28	54	2.5

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