Lifting Solutions Group
Axel Johnson International

Lifting Point Ring Nut Powertex LP582

Product information



The Powertex LP580 lifting eye nut 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
Standard: DIN 582
Note: The lifting eyes shall be screwed tight against the surface. Reduce WLL when not loading straight (see table).

Safety factor: 6:1

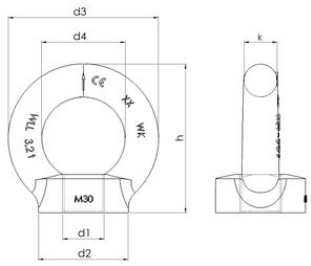
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Blueprint



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	Weight kg
421100751282	LP582-M6	0.075	4.4	M6	M6	20	36	20	36	8	0.05
421100011280	LP582-M8	0.14	8.2	M8	M8	20	36	20	36	8	0.05
421100021280	LP582-M10	0.23	13.5	M10	M10	25	45	25	45	10	0.09
421100031280	LP582-M12	0.34	20	M12	M12	30	54	30	53	12	0.16
421100051280	LP582-M14	0.49	28.8	M14	M14	35	63	35	62	14	0.24
421100071280	LP582-M16	0.7	41.2	M16	M16	35	63	35	62	14	0.25
421100121280	LP582-M20	1.2	70.6	M20	M20	40	72	40	71	16	0.36
421100181280	LP582-M24	1.8	106	M24	M24	50	90	50	90	20	0.72
421100321280	LP582-M30	3.2	189	M30	M30	65	108	60	109	24	1.4
421100461280	LP582-M36	4.6	271	M36	M36	75	126	70	128	28	2

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