



Lifting Point Ring Bolt POWERTEX LP580

Product information

The Powertex LP580 eye bolt is the most simple and essential product in our range of lifting points. It is designed for permanent attachment to equipment such as motors, control cabinets, and gearboxes. This lifting point ensures reliable performance and safety in your operations but has some limitations as well. As it is a fixed lifting eye we recommend it primarily for straight single point lift. The lifting point shall be screwed tightly to the structure or load. For more advanced and versatile lifting points, please check other products in our range.

Allowed Loading Directions:

- Straight (max WLL)
- Sideways (not perpendicular to the eye)
- 180 degrees in the plane of the eye (+/- 90 degrees from centre line)
- Check the WLL Table for proper WLL reductions when loading sideways

Product Features:

- **Durable Finish:** Electro Galvanized (Chrome 6 Free)
- **Compliance to standard:** Manufactured to meet the testing requirements specified by DIN580, ensuring high safety and quality standards.
- **Reliable:** Designed with a safety factor 6:1 in the intended load directions, offering a secure lifting experience.
- **Quality assurance:** Samples are load tested in the factory to ensure high reliability.
- **Full Traceability:** Every component is marked with PX branding, WLL, CE-mark, Size, Matertail (C15E) and a traceability code, ensuring traceability to the production lot and raw materials.
- **WLL Indication:** The LP580 is marked with the WLL (straight loading 0°) and an arrow that shows the corresponding load direction. The WLL chart provides a applicable WLL for other loading directions.
- **Harmless:** Chromium 6 free, aligning with environmental safety standards.
- **Certificates Included:** Comes with a POWERTEX 2.2 certificate & Declaration of Conformity with each box, confirming compliance with EC and UK regulations.
- **Wide Temperature Range:** Allowed for use between -20°C to +200°C without WLL reduction.

Material: Carbon Steel C15E

Marking: According to standard, CE-marked, UKCA-marked, PX, Material, CE-Mark, 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

Part Code	Code	WLL ton	MBL ton	Thread mm	d1 mm	d2 mm	d3 mm	d4 mm	h mm	k mm	Weight	Delivery time
421100751292	PRB582-M6	0.075	0.45	M6	M6	20	36	20	36	8	2.4	30
421100011290	PRB582-M8	0.14	0.84	M8	M8	20	36	20	36	8	2.5	30
421100021290	PRB582-M10	0.23	1.38	M10	M10	25	45	25	45	10	4.5	30
421100031290	PRB582-M12	0.34	2.04	M12	M12	30	54	30	53	12	4	30
421100051290	PRB582-M14	0.49	2.94	M14	M14	35	63	35	62	14	6.75	30
421100071290	PRB582-M16	0.7	4.2	M16	M16	35	63	35	62	14	6	30
421100091290	PRB582-M18	0.85	5.1	M18	M18	40	72	40	71	16	4.4	30
421100121290	PRB582-M20	1.2	7.2	M20	M20	40	72	40	71	16	3.6	30
421100121295	PRB582-M22	1.2	7.2	M22	M22	50	90	50	90	20	7.3	30
421100181290	PRB582-M24	1.8	10.8	M24	M24	50	90	50	90	20	0.74	30
421100211290	PRB582-M27	2.1	12.6	M27	M27	65	108	60	97	22	1.62	30
421100321290	PRB582-M30	3.2	19.2	M30	M30	65	108	60	109	24	1.32	30
421100321295	PRB582-M33	3.2	19.2	M33	M33	75	126	70	128	28	2.6	30
421100461290	PRB582-M36	4.6	27.6	M36	M36	75	126	70	128	28	2.65	30

Blueprint

