Lifting Solutions Group
Axel Johnson International

# Lifting Point Powertex LPS

**Product information**



The Powertex LPS lifting point with swivel eye is a 360° rotating lifting point for industrial lifting applications. Its forged swivel eye allows alignment with the permitted loading direction, while the hex socket bolt supports straightforward installation using standard tools. Compared with conventional DIN 580 lifting points, the LPS provides up to 4.5 times higher WLL.

**Best used for**

- Lifting applications requiring a swivel eye with 360° positioning.
- Applications requiring higher WLL than conventional DIN 580 lifting points.

**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)

**Product benefits**

- 360° swivel rotation enables alignment with permitted loading directions.
- Up to 4.5 times higher WLL than conventional DIN 580 lifting points.
- Hex socket bolt enables installation using standard tools.
- Quick key supports manual tightening for temporary setups.
- 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.
- Full WLL from -40°C to +200°C, with reductions at higher temperatures

... Read more

**Features:** 360 degrees rotable
**Material:** Forged alloy steel
**Marking:** According to standard, CE-marked, UKCA-marked, POWERTEX or PX, model name, WLL and batch number
**Temperature range:** -40°C up to +200°C
**Finish:** Powder painted in PURE RED
**Standard:** EN 1677-1
**Note:** Before use, review the WLL diagram to select the correct LPS for your application

**Safety factor:** 4:1

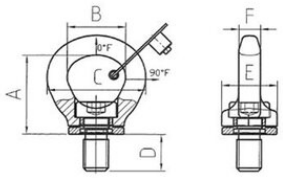
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## Blueprint




## Technical data

| Part code | WLL ton | Thread mm | Model | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4215LPSM8 | 0.3 | M8 | LPS-M8 | 6-10 | 38 | 26 | 45.3 | 11.5 | 25 | 8 | 0.11 |
| 4215LPSM10 | 0.4 | M10 | LPS-M10 | 6-10 | 38 | 26 | 45.3 | 14 | 25 | 8 | 0.12 |
| 4215LPSM12 | 0.75 | M12 | LPS-M12 | 10-15 | 43.5 | 32 | 54 | 17 | 33 | 10 | 0.2 |
| 4215LPSM16 | 1.5 | M16 | LPS-M16 | 20-30 | 52 | 37.5 | 63.5 | 24 | 36 | 14 | 0.35 |
| 4215LPSM20 | 2.3 | M20 | LPS-M20 | 50-70 | 63 | 44.5 | 78.5 | 30 | 47.5 | 20.6 | 0.66 |
| 4215LPSM24 | 3.2 | M24 | LPS-M24 | 120-150 | 74 | 51.6 | 92 | 35.3 | 53 | 20 | 1.1 |
| 4215LPSM30 | 4.5 | M30 | LPS-M30 | 200-250 | 92 | 65 | 118 | 45 | 68 | 24 | 2.1 |
| 4215LPSM36 | 7 | M36 | LPS-M36 | 280-400 | 105 | 76 | 136 | 56.8 | 82 | 30 | 4 |
| 4215LPSM42 | 9 | M42 | LPS-M42 | 400-500 | 121.5 | 88 | 160 | 66.5 | 92 | 35 | 5.5 |
| 4215LPSM48 | 12 | M48 | LPS-M48 | 400-500 | 138 | 100 | 180 | 75.5 | 110 | 42 | 8.9 |

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