



Lifting Point Powertex LPD

Product information

Introducing the Powertex Lifting point with a decentered link – LPD. The LPD is a robust solution for industrial environments that demand precision and durability in material handling. This lifting point is engineered to rotate 360 degrees and pivot up to 150 degrees, offering a versatile range of motion. The unique design features a forged housing with two pressed-in washers and a bolt equipped with a locking ring for secure interlocking. A spacious forged D-shaped link is securely locked within the housing opening. The bolt head is designed for versatility with an outer hexagonal grip and a hex socket cap grip, ensuring easy installation with various tools. The LPD is the quietest lifting point in the range, having a spring that removes rattling sound, making it suitable for use on vibrating machines and vehicles. The spring also allows the D-ring to be left in a vertical position. Original Powertex bolts are available in longer lengths to suit diverse requirements.

Allowed Loading directions:

- Same WLL in all directions
- 360° rotation, 150° pivot motion from vertical
- The LPD is not designed to rotate under load (choose LPB instead)

Product Features:

Durable finish: Coated in PURE RED powder paint, the LPD lifting points stand out for their durability and corrosion resistance.

Compliance to standard: Manufactured to meet the testing requirements specified by EN 1677-1 and AS 3776, ensuring high safety and quality standards.

Reliable: Designed with a safety factor of at least 4 in the intended load directions, offering a secure lifting experience.

Quality assurance: Each component undergoes crack detection testing in the factory and all forged links are proof load tested to ensure reliability.

Type testing: Each model undergoes factory type testing including breaking tests and fatigue test to 20,000 cycles at 1.5 times the WLL, highlighting the product's endurance.

Full traceability: Every component is marked with Powertex branding, model name, WLL, CE-mark, UKCA-mark, and a traceability code ensuring traceability to the production lot and raw materials.

Uniform WLL: The LPD maintains the same WLL in all directions, simplifying load planning and increasing versatility.

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: Optimized for use between -40°C to +200°C without WLL reduction, with permissible WLL reductions for higher temperature ranges, ensuring adaptability to various environments.

Features: 360 degrees rotatable, quiet, spacious link, longer bolts available

Material: Forged alloy steel

Marking: According to standard, CE-marked, 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 LPD for your application

Safety factor: 4:1

| Part code | WLL ton | Thread mm | Model | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | N mm | L | S mm | SW mm | Weight kg | Delivery time |
|------------|---------|-----------|---------|-----------|------|------|------|------|------|-------|------|------|-------|------|-------|-----------|---------------|
| 4215LPDM8 | 0.3 | M8 | LPD-M8 | 30 | 34 | 37 | 42 | 14 | 11 | 98.5 | 57 | 31 | 42.5 | 6 | 13 | 0.5 | 2 |
| 4215LPDM10 | 0.63 | M10 | LPD-M10 | 60 | 34 | 37 | 44 | 14 | 16 | 98.5 | 57 | 31 | 40.5 | 6 | 16 | 0.5 | 2 |
| 4215LPDM12 | 1 | M12 | LPD-M12 | 100 | 34 | 37 | 45 | 14 | 18 | 98.5 | 57 | 31 | 39.5 | 8 | 18 | 0.5 | 2 |
| 4215LPDM16 | 1.5 | M16 | LPD-M16 | 150 | 34 | 37 | 48 | 14 | 24 | 98.5 | 57 | 31 | 36.5 | 10 | 24 | 0.55 | 2 |
| 4215LPDM20 | 2.5 | M20 | LPD-M20 | 250 | 50 | 54 | 58 | 16.5 | 30 | 143 | 82 | 45 | 68.5 | 12 | 30 | 1.4 | 2 |
| 4215LPDM24 | 4 | M24 | LPD-M24 | 400 | 50 | 54 | 61 | 16.5 | 36 | 143 | 82 | 45 | 65.5 | 14 | 36 | 1.5 | 2 |
| 4215LPDM30 | 5 | M30 | LPD-M30 | 500 | 60 | 65 | 82 | 22 | 48 | 170 | 99 | 59 | 66 | 17 | 46 | 3 | 2 |
| 4215LPDM36 | 8 | M36 | LPD-M36 | 800 | 77 | 85 | 104 | 27 | 62 | 226.5 | 123 | 69 | 95.5 | 22 | 55 | 5.8 | 2 |
| 4215LPDM42 | 15 | M42 | LPD-M42 | 1,500 | 95 | 104 | 117 | 36 | 63 | 257.5 | 158 | 98 | 104.5 | 22 | 65 | 11.1 | 20 |
| 4215LPDM48 | 20 | M48 | LPD-M48 | 2,000 | 95 | 104 | 120 | 36 | 72 | 257.5 | 158 | 98 | 101.5 | 27 | 75 | 11.6 | 20 |

Technical data

Load table lifting point LPD

Blueprint

