# Lifting Point Powertex LPD

**Product information**



The Powertex LPD lifting point with a decentered link is a 360° rotating and 150° pivoting lifting point for industrial lifting applications. Its spacious forged D-shaped link and uniform WLL in all permitted loading directions support flexible load connection and simpler load planning. An integrated spring reduces rattling and keeps the D-ring in the desired position.

**Best used for**

- Lifting applications requiring the same WLL in different loading directions.
- Vibrating machinery and vehicles where reduced rattling is beneficial.

**Not ideal for**

- Rotation under load. Use a ball-bearing lifting point such as POWERTEX LPB instead.

**Product benefits**

- 360° rotation and 150° pivot motion accommodate changing load directions.
- Uniform WLL in all directions simplifies load planning.
- Integrated spring reduces rattling and holds the D-ring in position
- Dual hexagonal bolt grips provide flexible installation with different tools.
- 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.
- The traceability code links components to the production lot and raw materials.
- Full WLL from -40°C to +200°C, with reductions at higher temperatures

... Read more

**Features:** 360 degrees rotatable, quiet, spacious link, longer bolts available
**Material:** Forged alloy steel
**Marking:** According to standard, CE-mark, 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

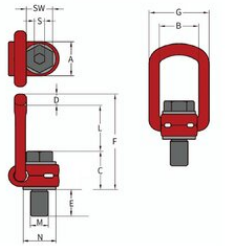
**Safety factor:** 4:1

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## Blueprint



## Lifting table

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

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