

Wire Rope Grip Powertex PWRG

Product information



POWERTEX

Wire rope grip type Powertex is approved for lifting only if assembly is carried out according to the instruction manual.

The wire rope grips are designed for use with six-stranded right-hand lay ropes in 6x19 (M) and 6x36 classes and right-hand ordinary lay wire rope in 8x19 class up to 1960 N/mm², with fibre core and a steel core.

Correctly mounted the assembly will withstand 80% of the rope's minimum breaking load (MBL).

- Safe - The grips are designed to assure high friction between wire rope and grip
- PWRG is symmetrical and can be turned as preferred
- Quick and easy to use
- Quick mounting thanks to the recessed bolt head seats that hold the bolt while tightening the nuts
- Low maintenance thanks to galvanization of grips and Dacrotized bolt and nuts
- Tested according to EN 13411-5

[... Read more](#)

Material: PWRG-4 and -6 are drop forged. PWRG-8, -10, -12, -16, -20, -25, -35 are casted

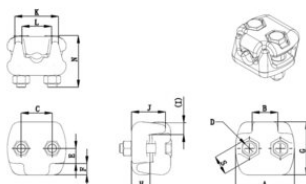
Marking: Powertex (PX, PTEX), size and batch

Finish: Hot dip galvanized (HDG)

Warning: Not to be used with compacted, hammered or plastic coated steel wire ropes. It is not recommended to use plastic covered ropes for lifting purposes with wire rope grips.

Wire Rope Grip Powertex PWRG

Blueprint



Technical data

| Part code | Code | Rope Ø range mm | Thread | No. of clips when lifting | Torque Nm | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | I mm | J mm | K mm | L mm | N mm | S mm | Weight kg |
|--------------|---------|-----------------|--------|---------------------------|-----------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|-----------|
| 121100400090 | PWRG-4 | 3-4 | M5 | 3 | 5 | 25.2 | 11.2 | 13 | 6 | 8.4 | 4.8 | 23 | 8.6 | 5.5 | 13.8 | 20.4 | 11.5 | 28.6 | 8.2 | 0.05 |
| 121100600090 | PWRG-6 | 5-6 | M6 | 3 | 9 | 33 | 13.4 | 18.2 | 7.2 | 8.4 | 6.5 | 29.9 | 11.4 | 7.3 | 17.5 | 26.8 | 16.3 | 44.2 | 10.7 | 0.1 |
| 121100800090 | PWRG-8 | 7-8 | M6 | 3 | 12 | 35.2 | 14.2 | 17 | 6.5 | 8.3 | 8 | 32.3 | 12.5 | 7.6 | 22.6 | 27.8 | 16.3 | 44 | 10.7 | 0.14 |
| 121101000090 | PWRG-10 | 9-10 | M8 | 3 | 33 | 38.7 | 16.7 | 17.5 | 9 | 11 | 8.5 | 38.9 | 15.3 | 8.3 | 25.6 | 32.8 | 18.7 | 55 | 14 | 0.25 |
| 121101250090 | PWRG-12 | 10-12.5 | M8 | 3 | 33 | 45 | 16.3 | 20 | 9.1 | 10.7 | 10.8 | 42 | 15.5 | 10.8 | 30 | 35.5 | 18.7 | 55 | 13.7 | 0.32 |
| 121101650090 | PWRG-16 | 13-16.5 | M10 | 3 | 45 | 57.3 | 21.1 | 25.5 | 11.9 | 13.8 | 13.4 | 54.6 | 20.1 | 14.2 | 38.7 | 44.1 | 23.5 | 71.5 | 18.4 | 0.58 |
| 121102000090 | PWRG-20 | 17-20 | M12 | 3 | 75 | 63.8 | 27.9 | 34 | 14.6 | 16.4 | 14.4 | 59 | 24.6 | 13.8 | 45 | 54.3 | 34.6 | 87.5 | 18.5 | 0.95 |
| 121102500090 | PWRG-25 | 21-25 | M16 | 3 | 190 | 75.2 | 34.3 | 39.6 | 18.7 | 21.3 | 13.8 | 71.3 | 27.3 | 14.2 | 54.4 | 57.6 | 39.3 | 110 | 24.7 | 1.64 |
| 121103500090 | PWRG-35 | 26-35 | M16 | 4 | 277 | 97.5 | 46.9 | 58 | 20 | 30 | 22 | 104.6 | 36.8 | 19.7 | 65.5 | 88.2 | 55.8 | 160 | 25 | 3.7 |