Lifting Solutions Group
Axel Johnson International

# Wire Rope Grip Powertex PWRG

**Product information**



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*

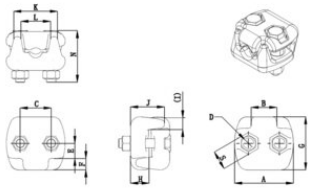
**Material:** PWRG-4 and -6 are drop forged. PWRG-8, -10, -12, -16, -20, -25, -35 are casted
**Marking:** Powertex (PX, PTEX), size and batch
**Finish:** Hot dip galvanized (HDG)
**Warning:** Not to be used with compacted, hammered or plastic coated steel wire ropes. It is not recommended to use plastic covered ropes for lifting purposes with wire rope grips.

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## 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 |


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