

Dismantling Joint VM3182

ductile iron-steel | DN 50-800 | PN 10 | flange



General

- » Dismantling joint for liquids.
- » Designed to facilitate the removal of flanged valves from pipelines.
- » Can increase and decrease the distance between valve and pipeline with max ± 20 mm (DN 50-150) and max ± 25 mm (DN 200-800).
- » With 3 flanges.
- » Lockable.
- » 100% continuous threaded tie-rods.
- » All metal parts epoxy coated.
- » Flange according to EN 1092-2 Form B, RF.
- » Drinking water approved parts acc. to WRAS EN 681 (KTW/W270).



Options

- » DN 900-1600, customer wishes.
- » PN 16, PN 25, PN 40, customer wishes up to PN 100.
- » Steel.
- » Tie-rod, washer, and nut in stainless steel.
- » Other flange standards.
- » Expansion joint.
- » Other temperatures on request.

Technical Data

| | | | | | | | | | | | | | | | | |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Dimension DN | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 |
| Pressure rating PN | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Min. temperature ¹ °C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Max. temperature ¹ °C | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 | +50 |

1. For media drinking water.

Materials

| | |
|----------------------|---|
| Body | ductile iron JS1050 / steel EN 10025 |
| Gasket | EPDM, WRAS EN 681 drinking water approved (KTW/W270) |
| Tie-rod | hot-dip galvanized steel/electroplated steel |
| Washer | hot-dip galvanized steel |
| Nut | hot-dip galvanized steel |
| Corrosion protection | epoxy EKB, blue RAL 5015, WRAS (KTW/W270) drinking water approved |

The technical design of the specified product here may be subject to change without notice — datasheet updated August 30, 2018

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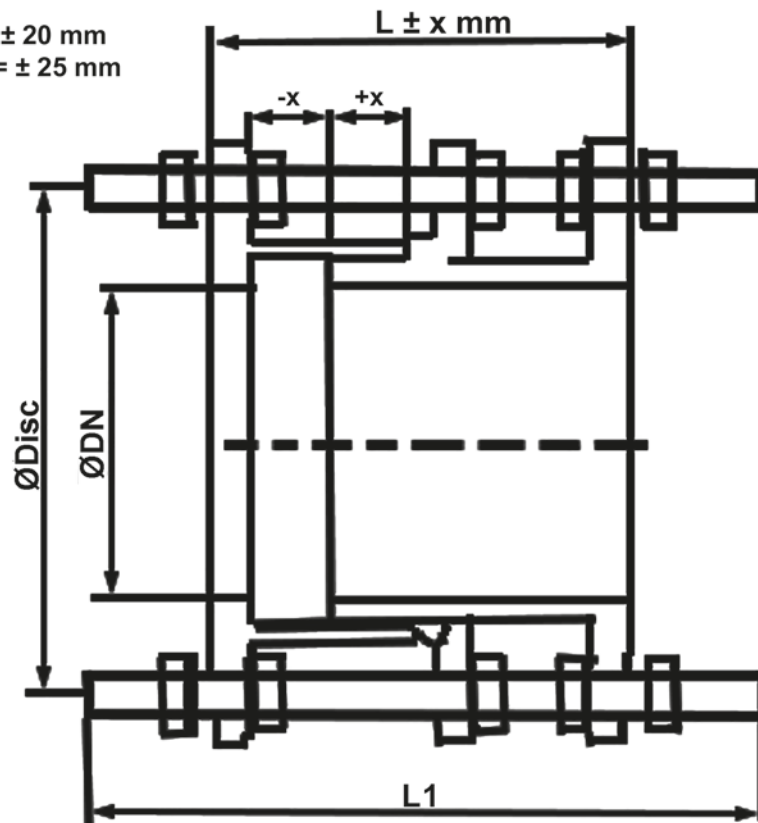
ductile iron-steel | DN 50-800 | PN 10 | flange



Dimensions [mm] and Weight

| Dimension DN | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700 | 800 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L | 180 | 180 | 200 | 200 | 200 | 200 | 220 | 220 | 220 | 230 | 230 | 250 | 260 | 260 | 260 | 290 |
| L1 | 280 | 280 | 310 | 310 | 310 | 340 | 340 | 360 | 360 | 360 | 370 | 390 | 390 | 410 | 410 | 460 |
| Ø Disc | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 350 | 400 | 460 | 515 | 565 | 620 | 725 | 840 | 950 |
| Number of bolts | 4 | 4 | 8 | 8 | 8 | 8 | 8 | 12 | 12 | 16 | 16 | 20 | 20 | 20 | 24 | 24 |
| Diameter tie-rods | M16 | M16 | M16 | M16 | M16 | M20 | M20 | M20 | M20 | M20 | M24 | M24 | M24 | M27 | M27 | M30 |
| Weight [kg] | 11 | 15 | 17 | 19 | 23 | 30 | 40 | 54 | 62 | 89 | 113 | 132 | 146 | 184 | 226 | 308 |

DN 50-150: $x = \pm 20$ mm
DN 200-800: $x = \pm 25$ mm



Markings

The dismantling joint is marked with DN, PN, materials and producer.

Mounting

Optional.

We recommend using steel-reinforced rubber seals according to DIN EN 1514-1 Shape IBC.

If you use raised face flanges these seals are mandatory.

Order Information

Dismantling joint VM3182 in ductile iron-steel, DN....., PN 10 in flanged design.

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