

# Dismantling Joint VM3183

ductile iron-steel | DN 50-800 | PN 16 | 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  $\pm 20$  mm (DN 50-150) and max  $\pm 25$  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 10, 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	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Min. temperature <sup>1</sup> °C	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max. temperature <sup>1</sup> °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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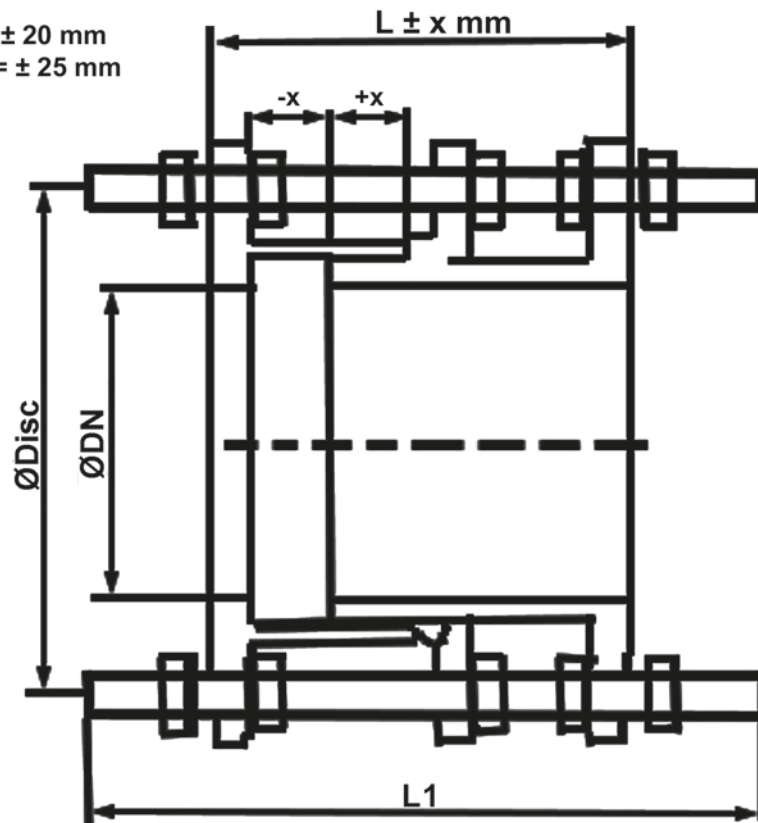
ductile iron-steel | DN 50-800 | PN 16 | flange



## 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	230	250	260	270	270	280	300	300	320
L1	280	280	310	310	310	340	340	370	410	410	430	430	460	480	480	520
Ø Disc	125	145	160	180	210	240	295	350	400	460	515	565	620	725	840	950
Number of tie-rods	4	4	8	8	8	8	12	12	12	16	16	20	20	20	24	24
Diameter tie-rods	M16	M16	M16	M16	M16	M20	M20	M24	M24	M24	M27	M27	M30	M33	M33	M36
Weight [kg]	11	15	17	19	23	30	44	63	76	107	137	163	212	288	302	399

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 VM3183 in ductile iron-steel, DN....., PN 16 in flanged design.

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