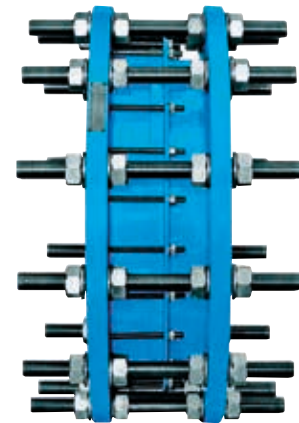
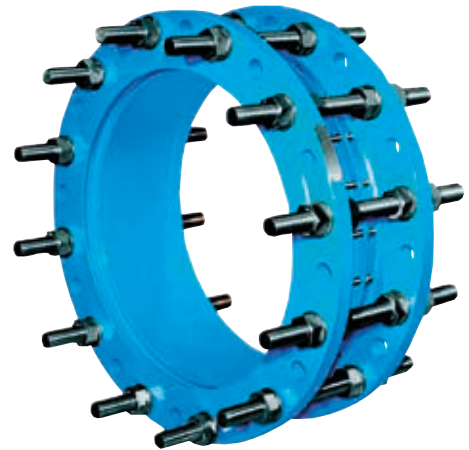


General

- » Dismantling joint for liquids.
- » Designed to facilitate the removal of flanged valves from pipelines.
- » Equipped with two flanges and one follower end-ring, this design offers optimal gasket control with the separate stud bolts applying pressure to the gasket independently of the tie-bars. This allows for a reduction in the number of tie-bars, while still maintaining a fully restrained secure configuration.
- » Equipped with 25% tie-rods.
- » Adjusts the distance between valve and pipeline with max ± 20 mm for DN 50-150 and ± 25 mm for DN 200-1600.
- » All metal parts epoxy coated.
- » Flange according to EN 1092-2, Form B RF.
- » Drinking water approved parts according to WRAS EN 681 (KTW(W270)).

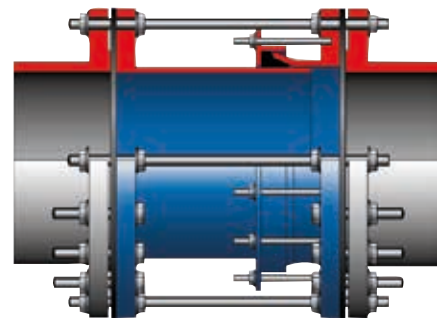


Options

- » PN 16.
- » PN 25 for DN 50-900 equipped with 50% tie-rods.
- » PN 40 for DN 50-500 equipped with 50% tie-rods.
- » Body in ductile iron.
- » Tie-rod, washer, and nut in galvanized steel.
- » Other face-to-face design.
- » Other temperatures on request.

Technical Data

Dimension DN	50-1600
Pressure rating PN	10
Min. temperature °C	0
Max. temperature °C	+50



Materials

Body	steel EN 10025
Gasket	EPDM, WRAS EN 681 drinking water approved (KTW/W270)
Tie-rod	stainless steel A2
Washer	stainless steel A2
Nut	stainless steel A4-70
Corrosion protection	epoxy EKB, blue RAL 5015, WRAS (KTW/W270) drinking water approved

Dismantling Joint VM3188

steel | DN 50-1600 | PN 10 | flange

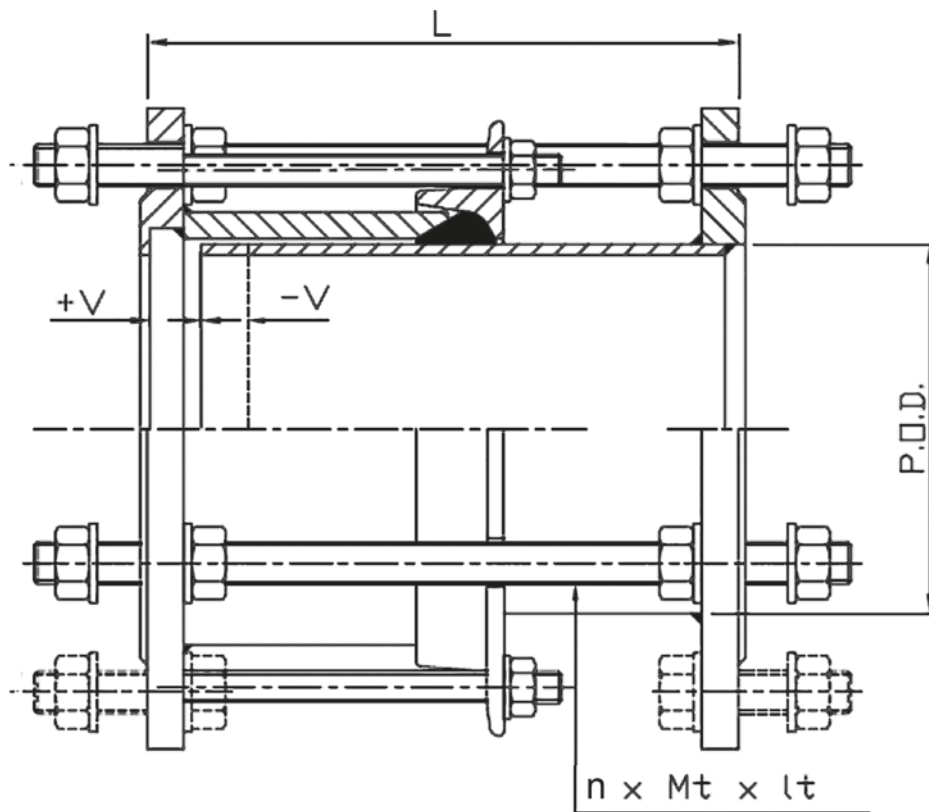


Dimensions [mm] and Weight

Dimension DN	50	65	80	100	125	150	200	250	300	350	400	450
L	180	180	200	200	200	200	220	220	220	230	230	250
V±	20	20	20	20	20	20	25	25	25	25	25	25
Mt x lt	M16 x 280	M16 x 280	M16 x 310	M16 x 310	M16 x 310	M20 x 340	M20 x 340	M20 x 360	M20 x 360	M20 x 360	M24 x 370	M24 x 390
No of tie-rods	2	2	2	2	2	2	2	4	4	4	4	5
Weight [kg]	8	10	13	15	18	22	32	39	45	67	81	91

Dimensions [mm] and Weight

Dimension DN	500	600	700	800	900	1000	1100	1200	1400	1500	1600
L	260	260	260	290	290	290	300	320	325	325	350
V±	25	25	25	25	25	25	25	25	25	25	25
Mt x lt	M24 x 390	M27 x 410	M27 x 410	M30 x 460	M30 x 460	M33 x 480	M33 x 480	M36 x 520	M39 x 550	M39 x 550	M45 x 590
No of tie-rods	5	5	6	6	7	7	8	8	9	9	10
Weight [kg]	103	127	160	217	241	277	310	413	548	604	738



Torque Recommendation Flange Adapter

P.O.D. 57-152 mm with bolt M12	50 Nm
P.O.D. 159-695 mm with bolt M12	70 Nm
P.O.D. 700-1668 mm with bolt M16	110 Nm
P.O.D. >1700 mm with bolt M20	110 Nm

The technical design of the specified product here may be subject to change without notice — datasheet updated June 11, 2019

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.

Maintenance

The dismantling joint is normally maintenance free. Check the face-to-face design if leakage occurs. If the dismantling joint is mounted in a place that is longer than it's face-to-face design according to this datasheet the problem will cease to exist as soon as the problem has been taken care of.

If leakage remains, and the face-to-face design is correct according to this datasheet, the gasket should be changed. Remove the dismantling joint from the pipeline and take it apart by unscrewing the nuts that keeps the flanges in place. Change the gasket and mount the dismantling joint back on the pipeline.

The valve surface may be improved with epoxy improvement color paint. Clean the surface off first and than apply the paint.

Order Information

Dismantling joint VM3188 in steel, DN....., PN 10 in flanged design.