

V252

LIGHT TYPE DISMANTLING JOINTS



Product Description

TVN V252 Light Type Dismantling Joints are the crucial elements for the installation and dismantling of valves and other fittings on the pipelines. The self-restrained function enables tight sealing and stays fixed on the lines with prolonged times. Without a dismantling joint offering longitudinal adjustment, it is almost impossible to insert a valve exactly into a pipe section. 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-rods making the flange connections. Thanks to this adjustability of the dismantling joint, the valve can be fitted next to the dismantling joint, and the dismantling joint can be set to the exact length required prior to being securely connected to flanges.



Technical Data	
Size range	DN50 - DN2400
Pressure range	PN 10 - 16 - 25 - 40
Temperature	-10°C to +110 °C
Connection	EN 1092-2 ISO 7005-2 - Flanged
Coating	Thermoplastic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

Application Range

- Potable water applications
- Water treatment and distribution systems
- Mining industry
- Shipbuilding and drilling facilities
- Chemical and petrochemical plants
- Food and chemical enterprises
- Oil and gas processes
- Fire extinguishing systems

Related Products

- V151 Gate Valve
- V106 Double Eccentric Butterfly Valve
- V202 Tilting Check Valve



WASTE WATER



IRRIGATION

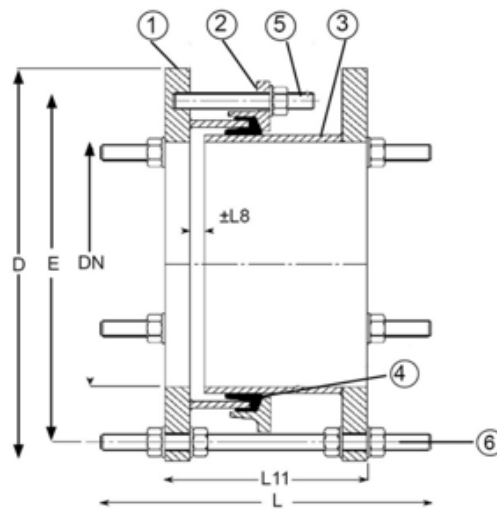


POTABLE WATER

Product Features

- The light model V252 comes equipped with 2 flanges and 25-50% tie rods for PN 10 and PN 16 networks.
- The joint makes an unrestrained set-up possible. Here no threaded tie-rods are used allowing the dismantling joint to act as a limited expansion joint absorbing noises and vibrations in the pipeline.
- Only high-quality EPDM or NBR qualities for water, drinking water and sewage are used for the gasket. These guarantee a clean seal for years and at the same time the movement of the dismantling joint.
- It is easy to install and remove thanks to the standard longitudinal adjustability of ± 25 mm and thus offers perfect support during the installation and removal of valves.
- High-quality FBE coatings protect TVN dismantling joints from long term corrosion.
- Ductile iron GGG-40/50 body galvanized 8.8 bolts, nuts and washers.
- The bolts, nuts and washers can be chosen as AISI 304 or AISI 316 stainless steel.
- Certain types of dismantling joints are also suitable for use without restraint in flexible pipelines.
- Connection flanges to any standard are available upon customer request.
- Larger nominal sizes, higher pressure ratings and non-standard build lengths are also available on request.
- The ductile iron body has high resistance to the high tension stress which can occur at the pipelines.
- Hydrostatic test pressure for shell: PN x 1.5 according to EN 12266-1.

Material List & Dimensions Table



No	Part	Material
1	Flange	GGG50 / ST37
2	Gland ring	GGG50 / ST37
3	Body	GGG50 / ST37
4	Seal	EPDM rubber
5	Stud, nut and washer	Steel gr. 8.8, zinc plated, passivated
6	Tie-rod, nut and washer	Steel gr. 4.6, zinc plated, passivated

DN	PN	D	E	L	L8	L11	Bolt No.	KG
300	PN10	445	400	360	60	555	M20	67
350	PN10	505	460	360	60	555	M20	77
400	PN10	565	515	360	60	575	M24	88
450	PN10	615	565	360	60	575	M24	100
450	PN16	640	585	640	60	360	M20	105
500	PN10	670	620	360	60	575	M24	109
600	PN10	780	725	360	60	585	M27	146
700	PN10	895	840	360	60	585	M27	177
800	PN10	1015	950	360	60	605	M30	217
900	PN10	1115	1050	360	60	605	M30	240
1000	PN10	1230	1160	370	60	625	M33	310
1200	PN10	1455	1380	370	60	645	M36	398