

LVF Globe valve Type: 1762 Stainless steel Socket weld Class 800

Forged stainless steel globe valve, OS&Y, with bolted bonnet and socket weld ends, Class 800



Characteristics

- Type:** 1762
- Norm:** ASME
- Construction type:** Straight
- Housing material:** Stainless steel
- Connection:** Socket weld
- Standard welding connection:** ASME B16.11
- Stem seal type:** Gland seal
- Spindle material:** ASTM A182 F316
- Primary spindle seal material:** Graphite
- Material bonnet:** ASTM A182 F316L
- Bonnet gasket material:** SWG 316/Graphite
- Actuator material:** Steel
- Minimum medium temperature (continuous):** -196 °C
- Maximum medium temperature (continuous):** 540 °C
- Maximum pressure difference at 20 °C:** 136 bar

Technical Information

- Design: API602, ASME B16.34.
- Testing: API598.
- Emission standard: API 624.
- NACE MR01-75, MR01-03.

Options

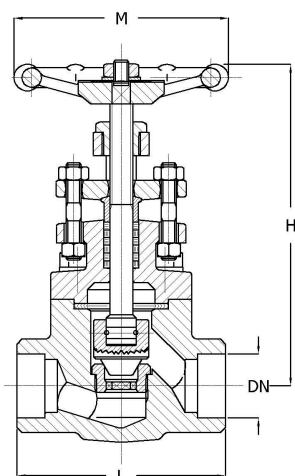
- Available in carbon steel; type 1741.
- Available with NPT thread connections; type 1760.
- Available in Class 1500.
- Available in other materials.
- Available for cryogenic or high temperature applications.
- Equipped with an electric, pneumatic or hydraulic actuator.

Application

- Refineries and (petro-) chemical procesinstallations.
- Oil & gas industry.
- Corrosive liquids and gases.
- Recommended in: Chemical, Petrochemical and Refining

Size table:

DN	H	L	M	Weight
	mm	mm	mm	kg
1/2" [15]	160	80	80	1.8
3/4" [20]	200	90	80	2
1" [25]	200	110	80	3.3
1.1/2" [40]	270	155	120	7.9
2" [50]	290	170	140	10.8



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Pressure and temperature range

-29/38	50	100	150	200	250	300	350	400	425	450	500	538	[°C]
132.4	127.5	109	98.7	91.9	86.7	82.4	79	75.8	74.7	73.1	70.7	65.2	[bar]

Check the above values and any additional comments with API602.

Material quality	Nominal inner diameter	Pressure rating	Face to Face norm	Face to Face length	Operation	Type of disc	Type of bonnet	Sealing	Material disc	Article
				mm						
ASTM A182 F316L	1/2" [15]	Class 800	Manufacturer standard	80	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Trim 12	ASTM A182 F316	13615027
ASTM A182 F316L	3/4" [20]	Class 800	Manufacturer standard	90	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Trim 12	ASTM A182 F316	13615028
ASTM A182 F316L	1" [25]	Class 800	Manufacturer standard	110	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Trim 12	ASTM A182 F316	13615029
ASTM A182 F316L	1.1/2" [40]	Class 800	Manufacturer standard	155	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Trim 12	ASTM A182 F316	13615030
ASTM A182 F316L	2" [50]	Class 800	Manufacturer standard	170	Hand wheel, rising with rising stem	Fixed disc	Bolted bonnet	Trim 12	ASTM A182 F316	13615031

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