



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

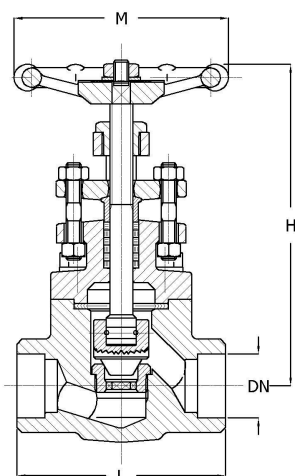
- Available in carbon steel; type 1741.
- Available with NPT thread connections; type 1760.
- Available in Class 1500.
- Available in other materials.
- Available for cryogenic or high temperature applications.
- Equipped with an electric, pneumatic or hydraulic actuator.

Application

- Refineries and (petro-) chemical process installations.
- 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.													

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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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