



MACNEIL STEEL AND VALVES (PTY) LTD



A105 GLOBE VALVES

+27 (011) 822 1802

www.msv.co.za

1575 Staal Rd, Knights, Germiston,
Gauteng, SA

A105 GLOBE VALVES

MSV GLOBE VALVE, A105, BOLTED BONNET, HANDWHEEL OPERATED, SOCKET WELD / NPT THREADED

Globe Valves are closing-down valves, in which the closure member is moved squarely on and off the seat. In this way the opening of the port is directly proportional to the travel of the disc. This proportional relationship is ideally suited for duties requiring regulation of flow rate. To have a further precision in regulation the disc element can be available in the parabolic, needle, vee-port types. Furthermore, the short travel of the disc between the open and closed position makes these valves ideally suited for on-off duties when they must be opened and closed frequently. Globe valves is Unidirectional valves and are installed so that fluid pressure is under the disc. They are supplied in various models to cover the different services.

SPECIFICATIONS:

1. Design and manufacture according to API 602
2. Pressure Test according to API 598
3. Available Class 800 and Class 1500
4. Available Socket weld ANSI B16.11 & NPT ANSI B1.20.1
5. Bolted Bonnet
6. Uni-directional
7. Ideal for On-off duties.

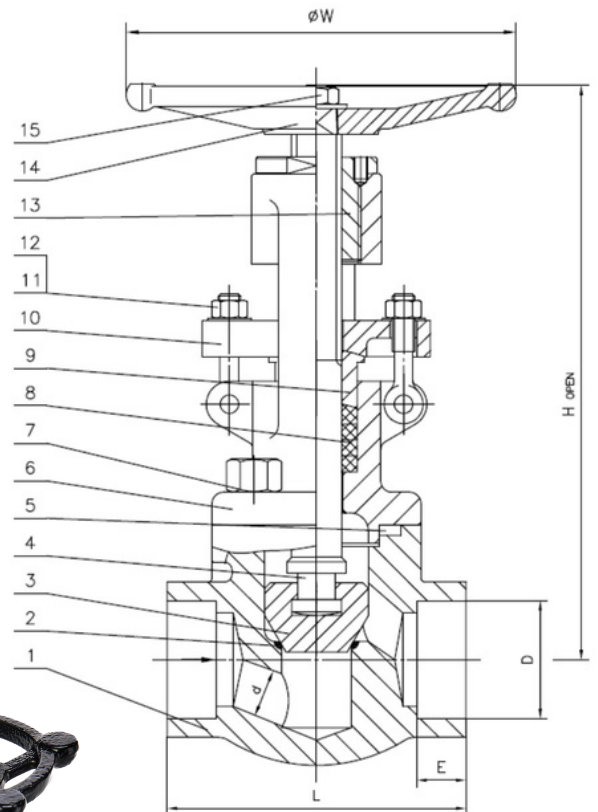
NO	PART NAME	MATERIAL
1	Body	ASTM A105
2	Seat Facing	13% Cr Trim1
3	Disc	ASTM A276 410
4	Stem	ASTM A276 410
5	Gasket	Graphite + SS304
6	Bonnet	ASTM A105
7	Bonnet Bolt	ASTM A193 B7
8	Stem Packing	Reinforced Graphite
9	Gland	ASTM A276 410
10	Gland Flange	ASTM A105
11	Gland Eyebolt	ASTM A193 B7
12	Gland Nut	ASTM A194 2H
13	Stem Nut	ASTM A276 410
14	Hand Wheel	ASTM A197

CLASS 800:

Nominal Diameter		Main Dimensions (mm)						
Inches	mm	d	D (SW)	D (NPT)	E	L	H	ØW
½"	15	10	21.9	15	10	79	166	100
¾"	20	13.6	27.3	20	13	92	170	100
1"	25	18	34	25	13	111	193	125
1 ¼"	32	23	42.8	32	13	120	228	160
1 ½"	40	29	48.9	40	13	152	261	160
2"	50	33	61.4	50	16	172	300	180

CLASS 1500:

Nominal Diameter		Main Dimensions (mm)						
Inches	mm	d	D (SW)	D (NPT)	E	L	H	ØW
½"	15	10	21.8	15	10	92	170	100
¾"	20	13	27.2	20	13	111	196	120
1"	25	18	33.9	25	13	130	228	160
1 ¼"	32	23	42.7	32	13	152	261	160
1 ½"	40	28	48.8	40	13	172	300	180
2"	50	33	61.2	50	16	220	327	220



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A105 NPT & SOCKET WELD GATE VALVE