Gate Valves

AD-2000

CE







Forged Steel Gate Valves - SW - ANSI Class 800-1500-2500

Forged Steel Gate Valves - SW
ANSI Class 800-1500-2500
KTN, Modentic
Range: DN15-50 - (1/2″-2″)
WORKING PRESSURE : CLASS 800-2500
TEMPERATURE -29ºC to + 425ºC



Description

Forged steel Gate valves are available in two bonnet.

Designs.
The first design is the Bolted Bonnet, With male female joint, spiral wound, gasket, made in F304L/ graphite. Ring joint gasket is also available on request. The second design is the welded bonnet, with a threaded and seal welded joint, On request a full penetration strength welded joint is available.

Globe valve Design Construction and Specifications :
Globe vales conform to API602, BS5352,and ASME B16.34.
Each are tested according to API598
Marking is per MSS SP-25.

Construction is as follows :
Full Port or Conventional Port
Outside Screw and Yoke
Two piece self aligning packing gland
Bolted bonnet with spiral-wound gasket,
Integral backseat
Socket weld Ends to ASME B16.11
Screwed Ends (NPT) to ANSI/ASME B1.20.1

Technical details

PRODUCT TYPE	Forged Stainless Steel Globe Valves
STANDARD COMPLIANCE	ASME B16.5, ASME / ANSI B1.20., ASME B16.11, ASME/ANSI B16.34, API602 BS5352, API598, MSS SP-25
OPERATION	Hand wheel
PRESSURE	CLASS 800-1500-2500
CONNECTION	**SOCKET WELD END** *END CONNECTION STANDARD* ANSI B16.11 *VALVES LENGTH STANDARD* Manufacturing Standard / DIN 3202 M3
PORT	Full Bore
BODY **Material**	ASTM A182 Gr.F316, A105, A304(L), F316(L)
CAP / BONNET **Material**	ASTM A182 Gr.F316
STEM **Material**	ASTM A182 Gr.F316
DISC **Material**	ASTM A182 Gr.F316
SEAT Material	-
SEAT RING Material	ASTM A182 Gr.F316
BODY SEAL **Material**	SPIRAL WOUND 316L + GRAPHITE
STEM PACKING **Material**	FLEXIBLE GRAPHITE
OPTION	Ring Joint Gasket Forged Carbon Steel Forged Stainless Steel ASTM A105, ASTM A182 Gr.F6, ASTM A182 Gr.F22, ASTM A182 Gr.F316 material upon request



SIZE **NPS**	**E** mm	**H** mm	**L** mm	**WEIGHT** kgs
DN15	125.0	180.0	111.0	2.25
DN20	125.0	180.0	111.0	3.85
DN25	160.0	200.0	120.0	5.60
DN32	160.0	225.0	120.0	6.30
DN40	180.0	250.0	140.0	7.85
DN50	200.0	290.0	170.0	13.50

SIZE **Inch**	E **Inch**	H **Inch**	L **Inch**	WEIGHT **lbs**
1/2"	4.9	7.1	4.4	5.0
3/4"	4.9	7.1	4.4	8.5
1"	6.3	7.9	4.7	12.4
1-1/4"	6.3	8.9	4.7	13.9
1-1/2"	7.1	9.8	5.5	17.3
2"	7.9	11.4	6.7	29.8

Any kind of business solution or consultation don't hesitate to

CONTACT US