Gate Valves

AD-2000







Forged Carbon Steel Gate Valves, Threaded Ends ANSI Class 800/1500

Forged Carbon Steel Gate Valves, Threaded Ends
ANSI Class 800/1500
KTN, Modentic
Range: DN15-50 - (1/2″-2″)
WORKING PRESSURE : CLASS 800-1500
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 are also available onrequest. The second design is the welded bonnet, with a threaded and seal welded joint, On request a full penetration strength welded joint is available.

The valve Available in various body materials including A105, F304, F316 and special alloys (Alloy 20, Hastelloy, Duplex and Super Duplex).
End Connections available include: Threaded, Socket Weld and Butt Weld ends
Spiral Wound gaskets is the standard however Ring Joint Gasket are available Upon request.

Design and Specification:
Conform to API602, BS5352, and ASME B16.34.
Tested according to API598
Marking is per MSS SP-25.

Features
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.

Technical details

PRODUCT TYPE	Forged Stainless Steel Gate Valves
STANDARD COMPLIANCE	API 602 - BS5352 - ASME B16.34 - API598 - MSS SP-25 - ASME B16.11 ASME B1.20.1
OPERATION	Hand wheel
PRESSURE	CLASS 800/1500
CONNECTION	Threaded Ends NPT ***END CONNECTION STANDARD*** ANSI B1.20.1(NPT) / DIN 259 / DIN 2999 / ISO 228 / BSP / PT
PORT	Full Bore
BODY **Material**	ASTM A105
CAP / BONNET **Material**	ASTM A105
STEM **Material**	ASTM A105
DISC **Material**	ASTM A105
SEAT Material	-
SEAT RING **Material**	ASTM A105
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	160.0	321.0	186.0	-
DN20	160.0	321.0	186.0	-
DN25	180.0	321.0	186.0	-
DN32	220.0	380.0	232.0	-
DN40	250.0	414.0	232.0	-
DN50	280.0	502.0	279.0	-

TOP TECH

SIZE **Inch**	E **Inch**	H **Inch**	L **Inch**	WEIGHT **lbs**
1/2"	6.3	12.6	7.3	-
3/4"	6.3	12.6	7.3	-
1"	7.1	12.6	7.3	-
1-1/4"	8.7	15.0	9.1	-
1-1/2"	9.8	16.3	9.1	-
2"	11.0	19.8	11.0	-

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

CONTACT US

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