Gate Valves
AD-2000







CAST STAINLESS STEEL GATE VALVE CLASS 150-300

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FLNAGED ENDS
KTN, Modentic
Range: DN15-300 - (1/2″-12″)
PRESSURE : CLASS 150-300
TEMPERATURE ASME B16.34



Description

Flexible wedge
A wedge design flow control element of a gate valve made of a single piece that has a groove around its perimeter to provide flexibility and some movement of its seating surface; also called a flex wedge
Outside Screw and Yoke, Rising stem design, Non-rising hand wheel 8" & larger with Ball bearing for easy operation For General Chemical and Industrial application 2" and larger integral Stellited seat face available for longer service life (option) Seat face stellited, ground and lapped to a mirror finish.

Standard compliance:
Valve design according to API 603 Shell wall Thickness according to ASME/ANSI B16.34 class 300 Pressure-temperature rating according to ASME/ANSI B16.34 Material according to ASTM Face to Face according to ASME/ANSI B16.10 class 300 RF Flanged dimension according to: ASME/ANSI B16.5 class 300 RF, Finish125-250 AARH Pressure testing according to API 598

API603 Stainless Steel Gate Valves
1. API603 GTF-300
2. FLEXIBLE WEDGE
3. OUTSIDE SCREW AND YORK
4. RISING STEM DESIGN
5. NON-RISING HANDWHEEL
6. 8"+ WITH BALL BEARING FOR EASY OPERATION
6. SEAT FACE STELLITED

Technical details

PRODUCT TYPE	API603 Cast Stainless Steel/ Steel Gate Valves.
STANDARD COMPLIANCE	**API603, ASME/ANSI B16.34 Class 300, ASME/ANSI B16.10 Class 300 ASME/ANSI B16.5 Class 300 RF, Finish : 125-250 AARH, ASME A598**
OPERATION	Hand wheel
PRESSURE	CLASS 150-300
CONNECTION	Flanged End ANSI B16.5 / EN1092 *VALVES LENGTH STANDARD* ANSI B16.10 / DIN3202 F1 / F4 / F5
PORT	Full Bore
BODY **Material**	ASTM A351 Gr.CF8M
CAP / BONNET **Material**	ASTM A351 Gr.CF8M
STEM **Material**	ASTM A182 Gr.F316
DISC **Material**	ASTM A351 Gr.CF8M
SEAT Material	-
BODY SEAL Material	SS304 + GRAPHITE
STEM PACKING Material	**PTFE**
OPTION	2"+ Integral Stellited seat face available for longer service life



IZE **NPS**	**E** mm	**H** mm	**L** mm	**WEIGHT** kgs
DN15	100.0	160.0	140.0	-
DN20	120.0	180.0	152.0	-
DN25	140.0	210.0	165.0	-
DN40	160.0	280.0	190.0	-
DN50	200.0	460.0	216.0	-
DN65	250.0	510.0	241.0	-
DN80	250.0	550.0	282.0	-
DN100	300.0	624.0	305.0	-
DN150	350.0	840.0	403.0	-
DN200	400.0	1043.0	419.0	-
DN250	450.0	1290.0	457.0	-

DN300	500.0	1588.0	502.0	-

IZE **Inch**	E **Inch**	H **Inch**	L **Inch**	WEIGHT **lbs**
1/2"	3.9	6.3	5.5	-
3/4"	4.7	7.1	6.0	-
1"	5.5	8.3	6.5	-
1-1/2"	6.3	11.0	7.5	-
2"	7.9	18.1	8.5	-
2-1/2"	9.8	20.1	9.5	-
3"	9.8	21.7	11.1	-
4"	11.8	24.6	12.0	-
6"	13.8	33.1	15.9	-
8"	15.7	41.1	16.5	-
10"	17.7	50.8	18.0	-
12"	19.7	62.5	19.8	-

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

CONTACT US