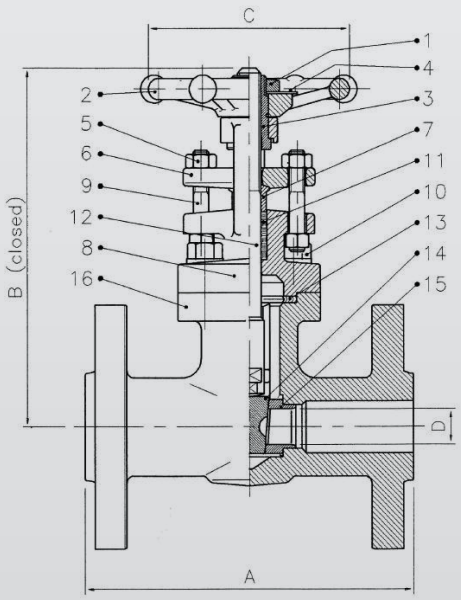
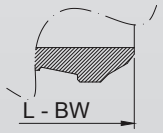
FORGED GATE VALVES





BW Welded-End version

300 Lbs

BASIC DESIGN STANDARDS

Basic Design	ISO 15761 – API 602
Wall Thickness / Pressure / Temperature	According to ANSI B16.34
Ends	SW according to ANSI B16.11 /
Dimensions	NPT-F according to ASME B1.20.1
Bore	Reduced & Full

TEST PRESSURE TO API 598 bar

Class	Shell (water)	Seat (water)	Seat (air)
300	77	53	6.0

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

		Carbon Steel		Alloy Steel	Stainless Steel
No	**Part Name**	**A105/F6 (**)**	**LF2/304**	**F11/F6 HF (**)**	**SS316**
01	Handwheel Nut	Carbon Steel	Carbon Steel	Carbon Steel	A194 Gr.8
02	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel + Rislan
03	Yoke Sleeve	AISI 416	AISI 416	AISI 416	AISI 416
04	Name Plate	Aluminium	Aluminium	Aluminium	INOX
05	Gland Nuts	A194 Gr. 2H	A194 Gr. 2H	A194 Gr. 2H	A194 Gr.8
06	Gland Flange	ASTM A105N	ASTM A350 LF2	ASTM A182 F11	ASTM A316
07	Packing Gland	A479 TP316	A479 TP316	A479 TP316	A479 TP316L
08	Bonnet	ASTM A105N	ASTM A350 LF2	ASTM A182 F11	ASTM A182 F316L
09	Gland Studs	AISI 410	AISI 410	AISI410	A193 B8M
10	Bolts B/B	A193 B7	A193 B7	A193 B7	A193 B8
11	Packing	Graphoil	Graphoil	Graphoil	Graphoil
12*	Stem	A479 TP410	A479 TP304	A479 TP410	A479 TP316L
13	Gasket B/B	F316 + Graphoil	F316 + Graphoil	F316 + Graphoil	F316 + Graphoil
14*	Wedge	A479 TP410	A479 TP304	A479 TP410 + STL.6	A479 TP316L
15	Seat Ring	A479 TP410 (+STL.6**)	A479 TP304	A479 TP410 + STL.6	A479 TP316L
16	Body	ASTM A105N	ASTM A350 LF2	ASTM A182 F11	ASTM A182 F316L

(**) also available for rating 1500# Reduced Bore

* Recommended Spare Parts

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FORGED GATE VALVES

SIZE INCH	A (MM)	B (MM)	C (MM)	D (MM)
1/4"	/	/	/	/
3/8"	/	/	/	/
1/2"	139,7	143	90	15,8
3/4"	152,4	151	90	20,9
1"	165,1	188	100	26,6
1 1/4"	/	/	/	/
1 1/2"	190,5	232	140	40,9
2"	215,9	258	140	52,5

MADE IN ITALY

CE PED 2014/68/EU

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