

CAST STAINLESS & ALLOY GLOBE VALVES

Warren Valve's line of Cast Stainless Steel & Alloy Globe Valves are offered in classes 150, 300, 600, 900, and 1500. For oil and gas refineries and petrochemical plants, Warren's stainless steel & alloy valves are an economical and quality choice. Warren Valves are subject to rigorous quality inspections.

Our comprehensive evaluation includes on-site audits, inspection at the source, receiving inspections, and destructive material testing. Mill test reports are always available.

PRODUCT OVERVIEW

SIZE RANGE	1/2"-36"
MATERIAL GRADES	CF8M, CF8, CF3M, 317, CN7M, C-276 (CW12MV), Duplex, Super Duplex, 321SS, 347SS, INCOLYS
TRIM MATERIALS	Trim 10, 12, 16, & Special Materials
END CONFIGURATIONS	Raised Face & RTJ
OPTIONS	Cryogenics, Trim Modifications, Bevel Gears
FEATURES	NACE Compliant, Teflon or Graphite Packing & Gasket (Low Fugitive Emission) <i>* Also available in our WA Series 2"-12"</i>

CLASS	FIGURE NUMBER
150#	2156
300#	2306
600#	2606
900#	2906
1500#	2506

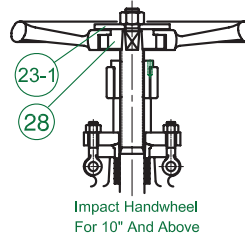
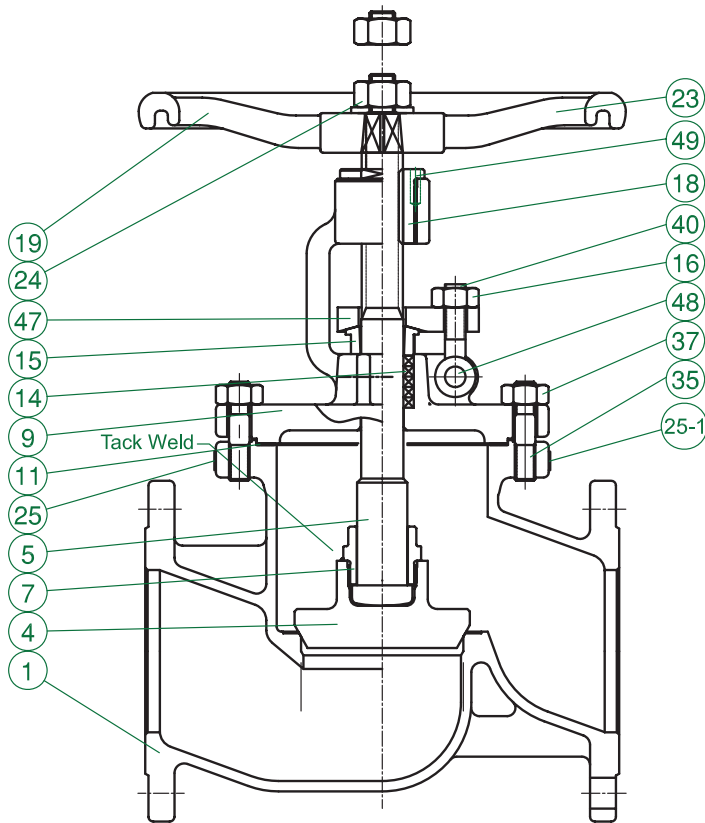
GENERAL DESIGN FEATURES

Testing	598 Hydro 1
Pressure Temperature Rating	ANSI B16.34
Face-to-Face Dimensions	ANSI B16.10
End Flange Dimensions	ANSI B16.512
Visual Inspection of Castings	MSS-SP-55

¹ Every Warren Valve is 100% pressure tested according to 598 test requirements. MTRs are available upon request.

² Valves 26" and larger according to ANSI B16.47 Series A (MSS SP-44) and Series B

ANSI CLASS 150 - 300 - 600 - 900 - 1500



MATERIAL LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A351 Gr.CF8M
4	DISC	ASTM A351 Gr.CF8M (4" & ABOVE) ASTM A276 Gr.316 (3" & UNDER)
5	STEM	ASTM A276 Gr.316
7	DISC NUT	ASTM A351 Gr.CF8M (4" & ABOVE) ASTM A276 Gr.316 (3" & UNDER)
9	BONNET	ASTM A351 Gr.CF8M
11	GASKET	PTFE / GRAPHITE
14	PACKING	PTFE (CUP&CONE DESIGN) / GRAPHITE(FLAT DESIGN)
15	GLAND	ASTM A351 Gr.CF8M
16	EYE BOLT NUT	ASTM A194 Gr.8MA (HEAVY)
18	YOKE SLEEVE	ASTM A439 Gr.D2C
19	HANDWHEEL	ASTM A536 DUCTILE IRON
23	SPRING WASHER	ANSI 304
23-1	WASHER	ASTM A240 Gr.304
24	HANDWHEEL NUT	ASTM A194 Gr.8
25	NAME PLATE	ASTM A666 Gr.304
25-1	LOW EMISSION NAMEPLATE	ASTM A666 Gr.304
28	IMPACT BLOCK	ASTM A216 Gr.WCB
35	BONNET STUD	ASTM A193 Gr.B8MA (10" & UNDER) ASTM A193 Gr.B8M CLASS 2 (12" & ABOVE)
37	BONNET NUT	ASTM A194 Gr.8MA (10" & UNDER) ASTM A194 Gr.8M (12" & ABOVE)
40	EYE BOLT	ASTM A193 Gr.B8MA
47	GLAND FLANGE	ASTM A351 Gr.CF8
48	EYE BOLT PIN	ASTM A276 Gr.304
49	SLEEVE PIN	ANSI 304

OTHER BODY AND TRIM MATERIALS AVAILABLE.

Please contact Warren Valve or your Warren Valve representative for more details.

ANSI CLASS 150 - 300 - 600 - 900 - 1500

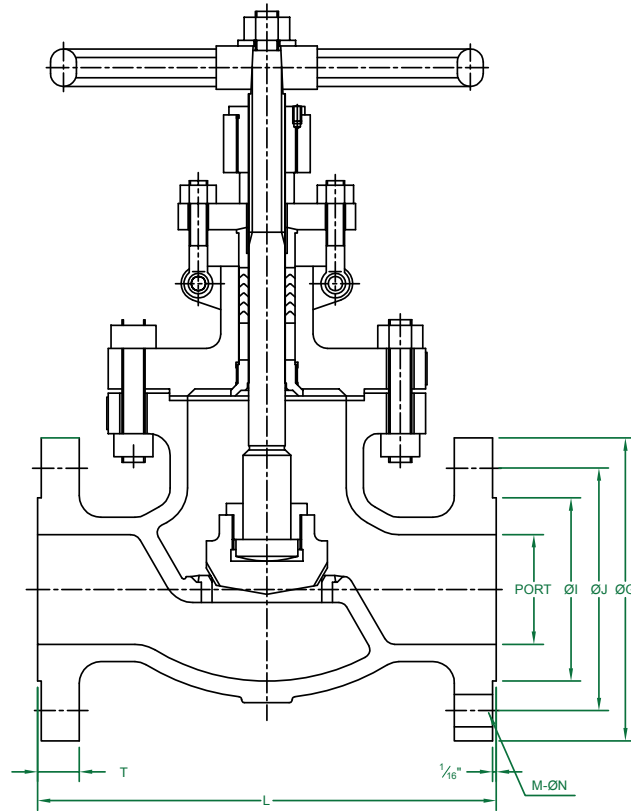


FIGURE NUMBER 2156

SIZE	PORT	L	ØG	ØJ	ØI	T	M	ØN
1/2"	0.59	4.25	3.50	2.38	1.38	0.38	4	0.62
3/4"	0.75	4.62	3.88	2.75	1.69	0.41	4	0.62
1"	0.95	5.00	4.25	3.12	2.00	0.44	4	0.62
1-1/4"	1.26	5.50	4.62	3.50	2.50	0.50	4	0.62
1-1/2"	1.50	6.50	5.00	3.88	2.88	0.56	4	0.62
2"	2.00	8.00	6.00	4.75	3.62	0.62	4	0.75
2-1/2"	2.50	8.50	7.00	5.50	4.12	0.69	4	0.75
3"	3.11	9.50	7.50	6.00	5.00	0.75	4	0.75
4"	4.00	11.50	9.00	7.50	6.19	0.94	8	0.75
5"	5.00	14.00	10.00	8.50	7.31	0.99	8	0.88
6"	6.00	16.00	11.00	9.50	8.50	1.00	8	0.88
8"	8.00	19.50	13.50	11.75	10.62	1.12	8	0.88
10"	10.00	24.50	16.00	14.25	12.75	1.19	12	1.00
12"	12.00	27.50	19.00	17.00	15.00	1.25	12	1.00

ANSI CLASS 150 - 300 - 600 - 900 - 1500

FIGURE NUMBER 2306

SIZE	PORT	L	ΦG	ΦJ	ΦI	T	M	ΦN
1/2"	0.59	6.00	3.75	2.62	1.38	0.56	4	0.62
3/4"	0.75	7.00	4.62	3.25	1.69	0.62	4	0.75
1"	1.00	8.00	4.88	3.50	2.00	0.69	4	0.75
1-1/2"	1.50	9.00	6.12	4.50	2.88	0.81	4	0.88
2"	2.00	10.50	6.50	5.00	3.62	0.88	8	0.75
2-1/2"	2.50	11.50	7.50	5.88	4.12	1.00	8	0.88
3"	3.11	12.50	8.25	6.62	5.00	1.12	8	0.88
4"	4.00	14.00	10.00	7.88	6.19	1.25	8	0.88
6"	6.00	17.50	12.50	10.62	8.50	1.44	12	0.88
8"	8.00	22.00	15.00	13.00	10.62	1.62	12	1.00
10"	10.00	24.50	17.50	15.25	12.75	1.88	16	1.12
12"	12.00	28.00	20.50	17.75	15.00	2.00	16	1.25

FIGURE NUMBER 2606

SIZE	PORT	L	ΦG	ΦJ	ΦI	T	M	ΦN
2"	2.00	11.50	6.50	5.00	3.62	1.00	8	0.75
2-1/2"	2.50	13.00	7.50	5.87	4.13	1.14	8	0.88
3"	3.00	14.00	8.25	6.62	5.00	1.25	8	0.88
4"	4.00	17.00	10.75	8.50	6.19	1.50	8	1.00
6"	6.00	22.00	14.00	11.50	8.50	1.89	12	1.12
8"	7.87	26.00	16.50	13.75	10.63	2.20	12	1.25
10"	9.75	31.00	20.00	17.00	12.75	2.50	16	1.38
12"	11.75	33.00	22.00	19.25	15.00	2.64	20	1.38

FIGURE NUMBER 2906

SIZE	PORT	L	ΦG	ΦJ	ΦI	T	M	ΦN
2"	1.87	14.50	8.50	6.50	3.62	1.50	8	0.98
3"	2.87	15.00	9.50	7.50	5.00	1.50	8	1.00
4"	3.87	18.00	11.50	9.25	6.19	1.75	8	1.25
6"	5.75	24.00	15.00	12.50	8.50	2.20	12	1.25
8"	7.50	29.00	18.50	15.50	10.63	2.50	12	1.50
10"	9.75	33.00	21.50	18.50	12.75	2.76	16	1.50
12"	11.12	38.00	24.00	21.00	15.00	3.13	20	1.50

FIGURE NUMBER 2506

SIZE	PORT	L	ΦG	ΦJ	ΦI	T	M	ΦN
2"	1.87	14.50	8.50	6.50	3.62	1.50	8	1.00
3"	2.75	18.50	10.50	8.00	5.00	1.89	8	1.25
4"	3.62	21.50	12.25	9.50	6.19	2.13	8	1.38
6"	5.37	27.75	15.50	12.50	8.50	3.25	12	1.50
8"	7.00	32.75	19.00	15.50	10.63	3.62	12	1.75
10"	8.75	39.00	23.00	19.00	12.75	4.25	12	2.00
12"	10.37	44.50	26.50	22.50	15.00	4.88	16	2.13