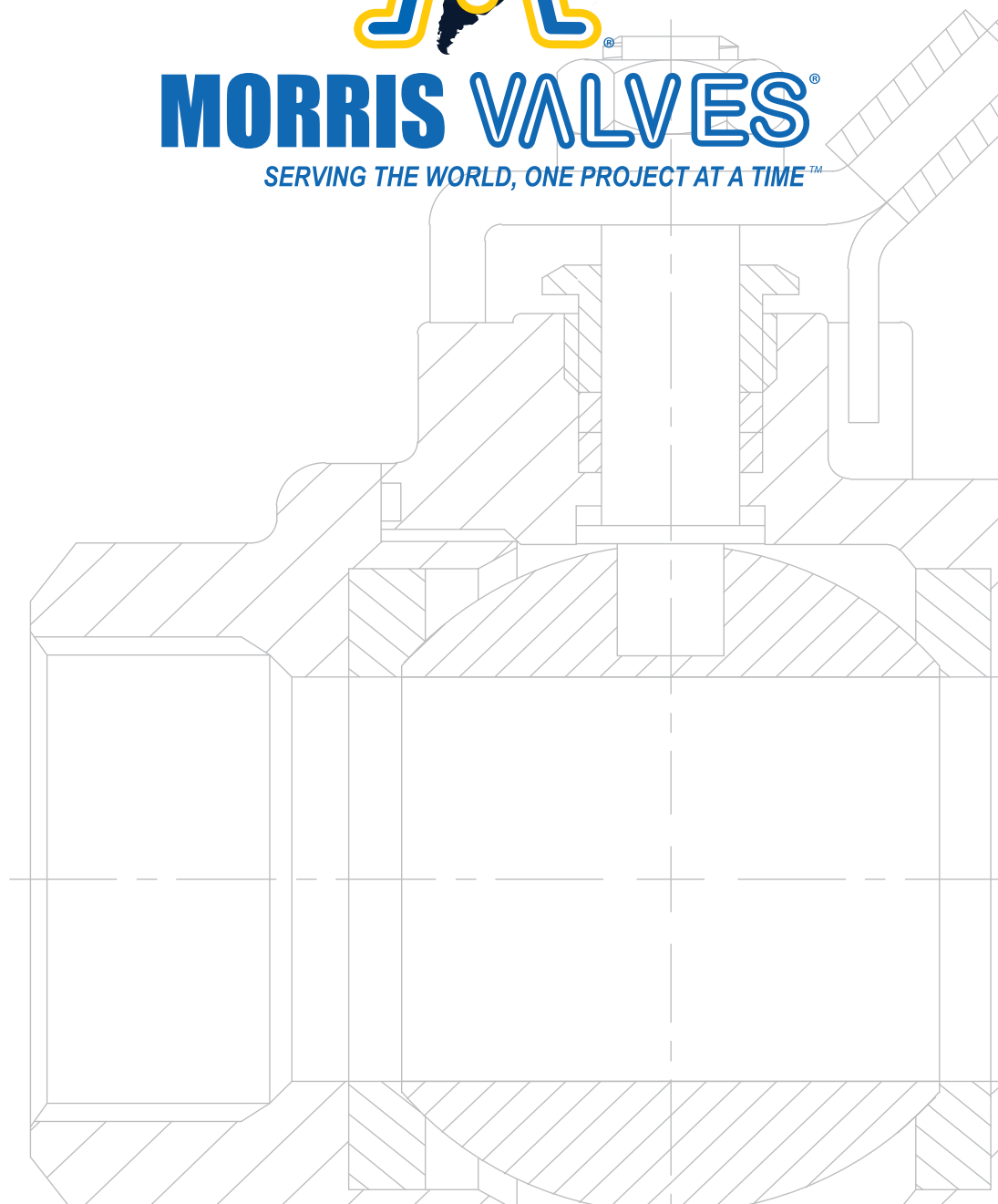




MORRIS VALVES®

SERVING THE WORLD, ONE PROJECT AT A TIME™



GLOBE VALVES. API 602 & BS 1873

www.morrisvalve.com



In 1984, our journey into the business of repairing valves and industrial instrumentation began. That journey has led us to represent and service well known American brands and companies. In early 2000, our experience and growing passion for the valve industry encouraged our decision to launch our own brand, Morris Valves. Starting with the highly requested Ball Valves, the brand has been based on the principal of quality and performance to match our customers' needs. Our high standards of production later lead us to incorporate other models such as Gate Valve and Check Valves to our production. These additions were carefully selected to match our Standard of Quality. Our success has been driven by our belief of "Tradition with Quality" in everything we do. Our products are developed with that belief which drives our growth and guides the service we provide to our customers.

Our vision is to be amongst the leading corporations in the supply of goods and services related to valves, their components and industrial equipment in general. We want to conquer new markets in conformity with international standards and remain committed to customer satisfaction, the welfare of our company and the sustainability of our planet.

Mission

Our mission is to use our highly trained, highly focused, and extremely motivated staff to work with manufacturers who value quality and have the vision for new development and product applications to ensure the timely provision of goods and services related to valves, their components and industrial equipment in general. We maintain a rigorous standard of customer satisfaction, which will provide for the welfare of the company, the welfare of the countries we serve, and most importantly the sustainability of the planet.

Contacts

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Vision

"Serving the world, one project at a time"

United States of America

United States Patent and Trademark Office

MORRIS VALVES

Reg. No. 5,462,890

Registered May 08, 2018

Int. Cl.: 7

Trademark

Principal Register

MORRIS VALVES, INC. (FLORIDA CORPORATION)

5590 N.w. 84th Ave.

Miami, FLORIDA 33166

CLASS 7: Valves being parts of machines; Valves as machine components; Butterfly valves being parts of machines; Gate valves being parts of machines; Plug valves being parts of machines; Globe valves being parts of machines

FIRST USE 00-00-2010; IN COMMERCE 00-00-2010

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT STYLE, SIZE OR COLOR

OWNER OF U.S. REG. NO. 4840307, 4241184, 4241186

No claim is made to the exclusive right to use the following apart from the mark as shown:
"VALVES"

SER. NO. 87-575,517, FILED 08-18-2017



Andrei Iancu

Director of the United States
Patent and Trademark Office

GLOBE VALVES
BS1873
CLASS 150#, CLASS 300#, CLASS 600#
API602
CLASS (800 - 2500)

GLV TYPE

FEATURES:

*Design standards.

- API 602/BS5352/ASME B16.34 (3/8" - 2")
- BS 1873/EN13709/ASME B16.34 (1/2" - 16)

*End connections.

- SW : ASME B16.11/BS 12760
- SC : ASME 1.20.1/ BS 21
- BW : ASME B16.5

*Face to face dimensions.

- ANSI B16.10

*End flange dimensions.

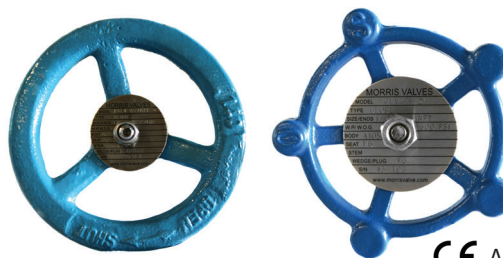
- ANSI B16.5

*Certification.

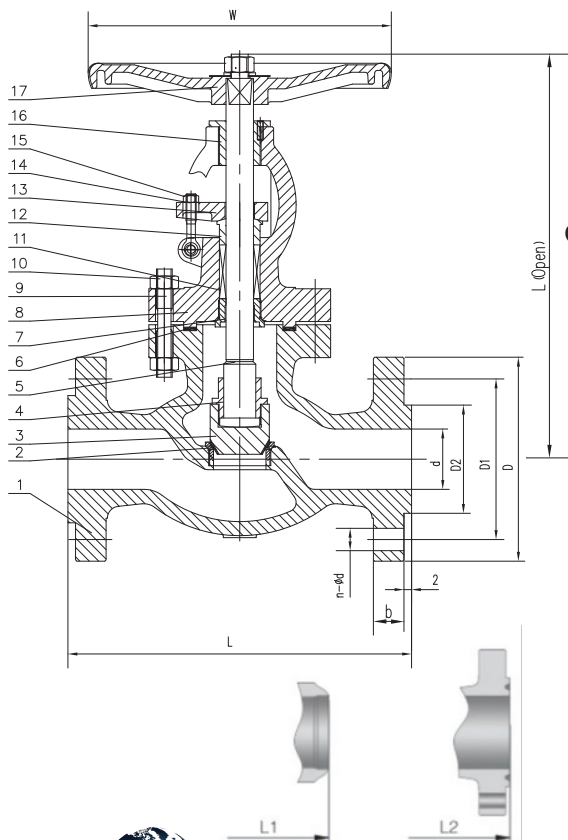
- INSPECTION CERTIFICATE ACC. TO EN 10204-3.1
- TEST STANDARD: API 598



SIZE:
3/8" - 16"



CE APPROVED



HOW TO ORDER

GLV STD DESIGN BODY MATERIAL TRIM MATERIAL SIZE END CONNECTION

API BS 1873 / ASME B16.34				
ASTM MATERIAL				
PART		C - Si	1/2Cr- 1/2Mo	Low Temp. Steel
1	BODY	A216 WCB	A217 WC6	A352 LCB
2	SEAT RING	A105	A182 F11	A350 LF2
3	DISC	A105	A182 F11	A350 LF2
4	DISC NUT	A182 F6a	Cr Mo V	A182 F6a
5	STEM	A182 F6a	Cr Mo V	A182 F6a
6	BONNET GASKET	GRAPHITE + 304		
7	BACK SEAT	A276 420	A276 304	A276 420
8	BONNET	A216 WCB	A217 WC6	A352 LCB
9	BONNET STUD	A193 B7	A193 B16	A320 L7
10	BONNET STUD NUT	A194 2H	A194 7	A194 4
11	PACKING	GRAPHITE		
12	GLAND	A276 420	A276 304	A276 420
13	GLAND FLANGE	A216 WCB	A217 WC6	A352 LCB
14	EYEBOLT	A193 B7	A193 B16	A193 B7
15	EYEBOLT NUT	A194 2H	A194 7	A194 4
16	YOKE SLEEVE	ALUMINUM - BRONZE		
17	HAND WHEEL	MALLEABLE IRON		
	NAME PLATE	304		



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DESIGNING THE WORLD, ONE PRODUCT AT A TIME

13548 Cedar Hill Rd., Montgomery, TX. 77356, USA. Phone :+1 (832) 666-5576 www.morrisvalve.com

MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)										
SIZE	2	2-1/2	3	4	6	8	10	12	14	16
(Class 150)										
L/ L1 (RF)(BW)	8.00	8.50	9.50	11.50	16.00	19.50	24.50	27.50	31.00	36.00
L2 (RTJ)	8.50	9.00	10.00	12.00	16.50	20.00	25.00	28.00	31.00	36.50
H	15.00	21.00	17.50	20.25	22.00	24.25	32.00	25.88	48.38	57.00
D0	7.00	10.00	11.00	11.00	13.00	13.00	16.00	18.00	20.00	24.00
Wt (Kg)	RF/RTJ	18/14	30/22	41/33	64/43	86/72	110/88	280/245	380/345	510/450
	BW									740/665

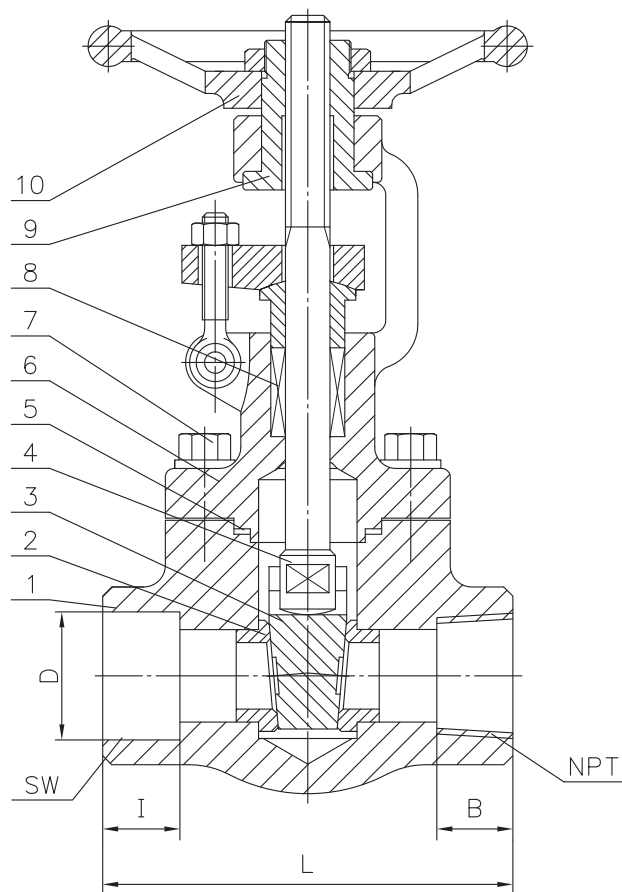
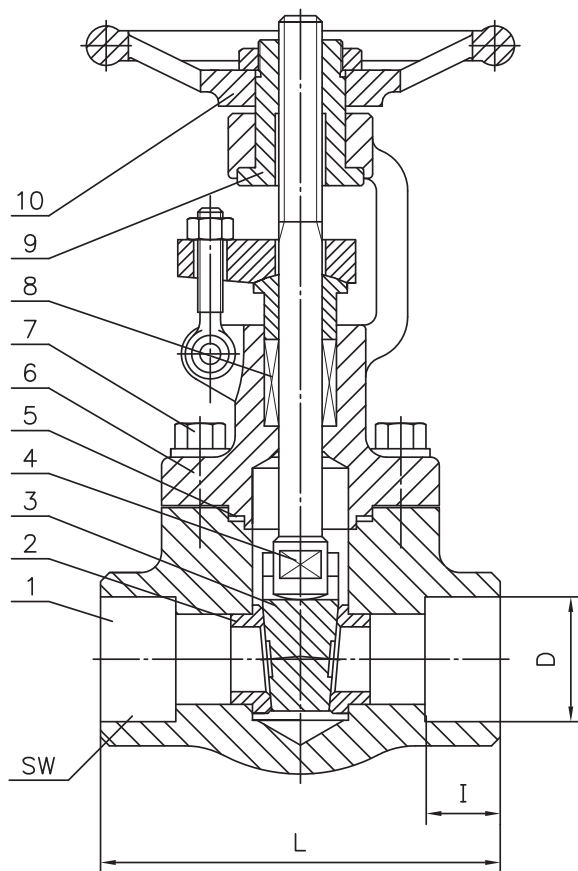
MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)								
SIZE	2	2-1/2	3	4	6	8	10	
(Class 900)								
L/ L1 (RF)(BW)	14.50	16.50	15.50	18.50	24.00	29.00	33.00	
L2 (RTJ)	14.62	16.62	15.12	18.12	24.12	29.12	33.12	
H	22.00	23.25	25.25	31.88	41.38	53.50	61.88	
D0	11	13	16	18	20	24	24	
Wt (Kg)	RF/RTJ BW	57/41	82/53	92/58	168/117	365/238	665/538	1250/1060

MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)										
SIZE	2	2-1/2	3	4	6	8	10	12	14	16
(Class 300)										
L/ L1 (RF)(BW)	10.50	11.50	12.50	14.00	17.50	22.00	24.50	28.00	-	-
L2 (RTJ)	11.15	12.12	13.15	14.65	18.12	22.62	25.12	28.62	-	-
H	16.75	19.00	19.88	22.50	25.25	33.25	35.50	38.62	-	-
D0	8.00	10.00	11	13	16	18	20	24	-	-
Wt (Kg)	RF/RTJ BW	25/20	32/22	38/27	56/41	96/75	150/117	360/310	550/492	-

MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)								
SIZE	2	2-1/2	3	4	6	8	10	
(Class 1500)								
L/ L1 (RF)(BW)	14.50	16.50	18.50	21.50	27.75	32.75	-	
L2 (RTJ)	14.62	16.62	18.62	21.62	28.00	33.15	-	
H	22.00	23.25	29.50	36.00	48.62	65.00	-	
D0	13	16	18	20	24	28	-	
Wt (Kg)	RF/RTJ BW	68/57	97/81	116/95	215/184	445/347	795/635	-

MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)										
SIZE	2	2-1/2	3	4	6	8	10	12	14	16
(Class 600)										
L/ L1 (RF)(BW)	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	-	-
L2 (RTJ)	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	-	-
H	17.50	19.75	21.00	24.50	29.50	36.50	44.88	53.12	-	-
D0	10	11	13	16	18	20	24	24	-	-
Wt (Kg)	RF/RTJ BW	35/27	50/34	60/42	110/84	230/192	410/350	770/680	1140/1030	-

MAIN EXTERNAL DIMENSIONS (BS 1873 / ASME B16.34)								
SIZE	2	2-1/2	3	4	6	8	10	
(Class 2500)								
L/ L1 (RF)(BW)	17.75	20.00	22.75	26.50	36.00	-	-	
L2 (RTJ)	17.88	20.50	23.00	26.88	36.50	-	-	
H	25.50	28.12	32.50	47.00	70.50	-	-	
D0	16	18.00	20.00	24.00	28.00	-	-	
Wt (Kg)	RF/RTJ BW	97/72	138/95	167/108	305/196	633/351	-	-

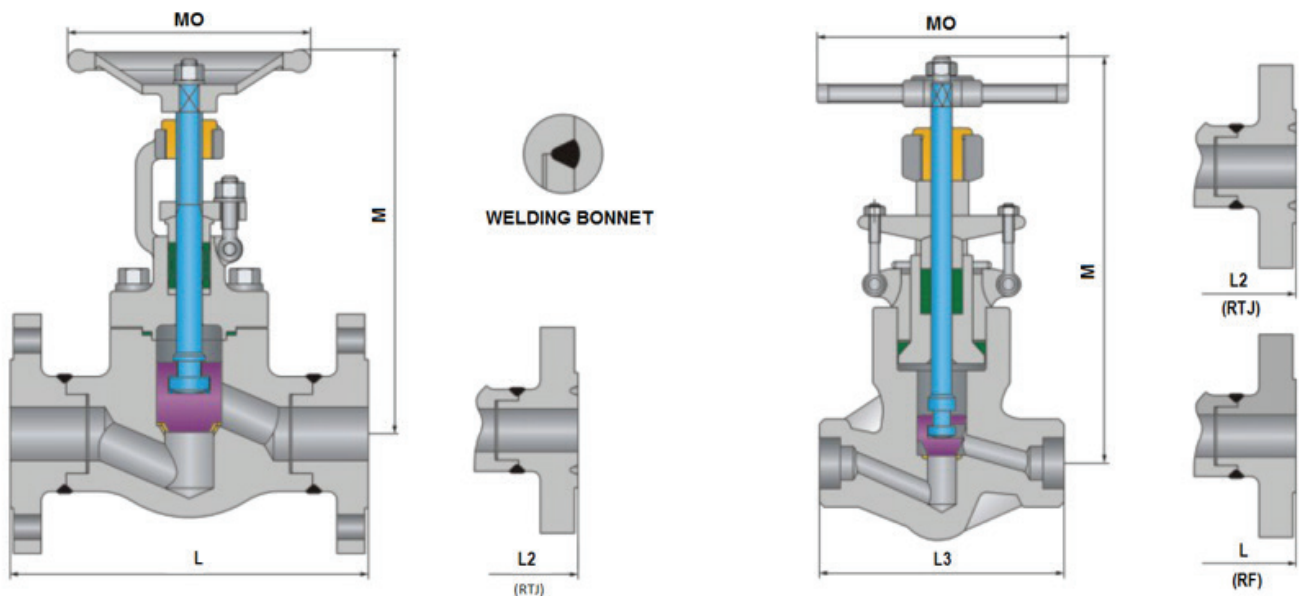


API 602					
ITEM	PART	ASTM MATERIAL			
		CARBON LOW TEMP. STEEL		STAINLESS STEEL	CHROME-MOLIB-DENUM STEEL
1	BODY	A105	LF2	A182 F316/ A351-CF8M	A182 F11
2	SEAT	DEPOSITED 13Cr / DEPOSITED STL		DEPOSITED STL	DEPOSITED 13 Cr DEPOSITED STL
3	DISC	A182 F6a/A276 420		A182 F316	A182 F6a
4	STEM	A276 410		A276 316	A276 410
5	BONNET GASKET	GRAPHITE + 304		GRAPHITE + 316	GRAPHITE + 304
6	BONNET	A105	LF2	A182 F316/A351-CF8M	A182 F11
7	BONNET STUD	A193 B7		A193 B8M	A193 B16
8	PACKING	GRAPHITE			
9	YOKE SLEEVE	A276 410			
10	HAND WHEEL	A197			
11	EYEBOLT PIN	A276 410		A276 316	A276 410
12	EYEBOLT	A193 B7		A193 B8M	A193 B16
13	EYEBOLT NUT	A194 2H		A194 8M	A194 2H
14	GLAND	A276 410	LF2	A276 316	A182 F11
15	GLAND FLANGE	A105	LF2	A182 F 316	A182 F11
16	HAND WHEEL NUT	1045		A182 F 316	1045
17	NAME PLATE	304			



SIZE	API 602																
	L1(SW/ NPT)		M		MO		Wt (Kg)		L			M		MO	Wt (Kg)		
	800Lb	900Lb/ 1500Lb	800Lb	900Lb/ 1500Lb	800Lb	900Lb/ 1500Lb	800Lb	900Lb/ 1500Lb	CL150	CL300	CL600	CL150/ CL300	CL600		CL150	CL300	CL600
3/8 "	3.12	4.37	6.45	8.14	3.93	4.92	2.3	3.7	4.00	6.00	6.50	-	-	-	-	-	-
½"	3.12	4.37	6.45	8.14	3.93	4.92	2.4	3.6	4.25	6.00	6.50	7.08	6.45	3.93	3.4	3.8	4.2
¾"	3.62	4.72	7.99	9.44	4.92	6.29	4.3	6.8	4.62	7.00	7.50	7.24	6.45	3.93	3.6	4.8	5.8
1"	4.38	5.98	8.81	10.15	6.29	6.29	5.7	7.6	5.00	8.00	8.50	8.54	7.99	4.92	6.1	7.2	8.8
1-1/4"	4.75	6.77	10.23	12.99	6.29	7.08	7.8	11.6	5.50	8.50	9.00	8.81	8.81	6.29	7.2	9.6	12.1
1-1/2"	6.00	7.87	11.81	13.97	7.08	7.87	12.5	15.0	6.50	9.00	9.50	10.23	10.23	6.29	10.4	12.6	15.6
2"	6.75	8.66	13.97	14.56	7.87	9.44	17.5	22.0	8.00	10.50	11.50	11.81	11.81	7.08	15.5	18.0	19.5

SIZE	L1(RF)	L2(RTJ)	M	MO	Wt (Kg)	L3(NPT/SW)		L(RF)		API 602 CL 900/ 1500 L2(RTJ)		M	MO	NPT/SW		Wt (Kg)		RF/RTJ	
						900Lb/ 1500Lb	2500Lb	900Lb/ 1500Lb	2500Lb	900Lb/ 1500Lb	2500Lb			900Lb/ 1500Lb	2500Lb	900Lb/ 1500Lb	2500Lb	900Lb/ 1500Lb	2500Lb
1/2"	8.5	8.5	8.14	4.92	11.0	5.51	7.32	8.50	10.39	8.50	10.39	12.00	7.87	4.6	4.9	8.7	10.2	8.7	10.2
3/4"	9.01	9.01	8.14	4.92	13.2	5.51	7.32	9.01	10.74	9.01	10.74	12.00	7.87	6.5	6.8	13.8	15.7	13.8	15.7
1"	10.0	10.0	9.05	6.29	17.4	5.51	7.32	10	12.12	10.0	12.12	12.00	7.87	7.6	7.8	18.7	20.2	18.7	20.2
1-1/4"	10.98	10.98	10.23	7.08	19.0	7.00	9.13	10.98	13.74	10.98	13.85	17.32	11.02	10.4	11.2	19.35	22.30	19.35	22.30
1-1/2"	12.0	12.0	11.81	7.87	24.5	7.00	9.13	12	15.11	12	15.23	17.51	11.02	14.8	15.0	27.10	29.50	27.10	29.50
2"	14.48	14.6	13.97	8.66	31.0	8.50	10.98	14.48	17.75	14.60	17.87	19.88	11.81	20.8	21.09	33.38	35.2	33.38	35.2



PRESSURE SEALED FORGED GLOBE VALVE



A Tradition of Quality

*Our passion is to develop
solutions for difficult situations in
Industrial Applications, no matter
how large or small the project.*

"Serving the world, one project at a time"

