



60-700/800 Series – 316 Stainless Steel Globe Bar stock Valves



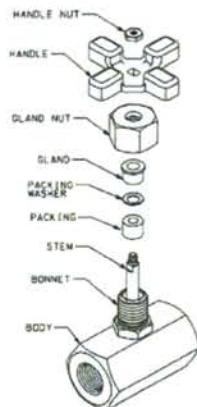
Sizes: 1/8" through 1"

Features

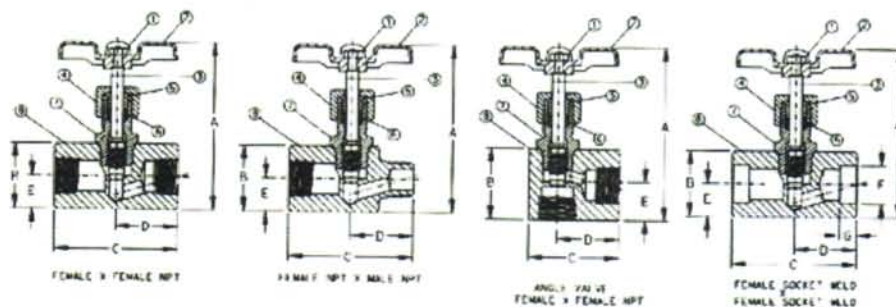
- PTFE packing is standard material. PTFE packing is recommended for high pressure air and gas applications.
- Malleable iron handles for long lasting reliable service.
- Designed to backseat when fully opened. Backseating the valve helps take the pressure off the packing, thereby prolonging the packing life. The backseat also prevents the stem from being accidentally turned out of the valve.
- Fully threaded bonnet to accommodate optional panel mounting nut.
- Integral metal to metal seat and disc design.
- Every valve is seat tested at 300 psig air.
- Excellent Cv values.
- Lock bonnet option available.
- Body material for socket weld valves is ASTM A276 Gr. 316 S.S.
- ASTM materials used in construction of all pressure retaining parts.
- Meets the requirements of Nace MR-01-75

MATERIAL LIST:

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|--------------|--|
| 1. Locknut | Steel, zinc plated |
| 2. Handle | ASTM A47 Malleable Iron, Zinc Phosphate finish |
| 3. Stem | ASTM A276 Gr. 316 S.S., Zinc Phosphate finish |
| 4. Gland Nut | ASTM A276 Gr. 316 S.S. |
| 5. Gland | ASTM B525 Gr. II, Type I |
| 6. Packing | P.T.F.E. |
| 7. Bonnet | ASTM A276 Gr. 316 S.S. |
| 8. Body | ASTM A276 Gr. 316 S.S. |



Dimensions



Part No.	Size in./mm	A in./mm	B in./mm	C in./mm	D in./mm	E in./mm	CV	WT/100 lbs/kg
60-700	1/8	3.430	1.120	1.750	0.880	0.560	0.430	123.000
	4	87.122	28.448	44.450	22.352	14.224		55.792
60-701	1/4	3.810	1.370	2.250	1.120	0.680	0.430	123.000
	8	96.774	34.798	57.150	28.448	17.272		55.792
60-702	3/8	3.810	1.370	2.250	1.120	0.680	0.740	119.000
	10	96.774	34.798	57.150	28.448	17.272		53.977
60-703	1/2	3.810	1.500	2.750	1.370	0.750	1.360	164.000
	15	96.774	38.100	69.850	34.798	19.050		74.389
60-704	3/4	5.430	1.930	3.180	1.590	0.960	2.640	334.000
	20	137.922	49.022	80.772	40.386	24.384		151.500
60-705	1	6.000	2.120	3.620	1.810	1.060	3.600	465.000
	25	152.400	53.848	91.948	45.974	26.924		210.920

Connection: Male X Female

Part No.	Size in./mm	A in./mm	B in./mm	C in./mm	D in./mm	E in./mm	CV	WT/100 lbs/kg
60-711	1/4	3.810	1.370	2.250	1.120	0.680	0.430	123.000
	8	96.774	34.798	57.150	28.448	17.272		55.792
60-712	3/8	3.810	1.370	2.250	1.120	0.680	0.740	119.000
	10	96.774	34.798	57.150	28.448	17.272		53.977
60-713	1/2	3.810	1.500	2.750	1.370	0.750	1.360	164.000
	15	96.774	38.100	69.850	34.798	19.050		74.389

Connection: Socket Weld

Part No.	Size in./mm	A in./mm	B in./mm	C in./mm	D in./mm	E in./mm	F in./mm	G in./mm	CV	WT/100 lbs/kg
60-720	1/8	3.430	1.120	1.750	0.880	0.560	0.424	0.370	0.430	123.000
	4	87.122	28.448	44.450	22.352	14.224	10.770	9.398		55.792
60-721	1/4	3.810	1.370	2.250	1.120	0.680	0.559	0.370	0.430	123.000
	8	96.774	34.798	57.150	28.448	17.272	14.199	9.398		55.792
60-722	3/8	3.810	1.370	2.250	1.120	0.680	0.694	0.370	0.740	119.000
	10	96.774	34.798	57.150	28.448	17.272	17.628	9.398		53.977
60-723	1/2	3.810	1.500	2.750	1.370	0.750	0.859	0.370	1.360	164.000
	15	96.774	38.100	69.850	34.798	19.050	21.819	9.398		74.389
60-724	3/4	5.430	1.930	3.180	1.590	0.960	1.069	0.500	2.640	334.000
	20	137.922	49.022	80.772	40.386	24.384	27.153	12.700		151.500
60-725	1	6.000	2.120	3.620	1.810	1.060	1.334	0.500	3.600	465.000
	25	152.400	53.848	91.948	45.974	26.924	33.884	12.700		210.920

Connection: Angle Valves

Part No.	Size in./mm	Size in./mm	A in./mm	B in./mm	C in./mm	D in./mm	E in./mm	CV	WT/100 lbs/kg
60-800	1/8 4	1/8 4 3.175	3.180 80.772	1.120 28.448	1.250 31.750	0.810 20.574	0.500 12.700	0.390	60.000 27.216
60-801	1/4 8	1/4 8 6.350	3.310 84.074	1.500 38.100	1.590 40.386	1.030 26.162	0.620 15.748	0.430	80.000 36.287
60-802	3/8 10	3/8 10 9.525	3.310 84.074	1.500 38.100	1.590 40.386	1.063 26.988	0.620 15.748	0.840	90.000 40.823
60-803	1/2 15	1/2 15 12.700	3.310 84.074	1.620 41.148	2.000 50.800	1.370 34.798	0.750 19.050	1.360	120.000 54.431
60-804	3/4 20	3/4 20 19.050	4.500 114.300	2.000 50.800	2.500 63.500	1.620 41.148	1.000 25.400	2.640	320.000 145.150
60-805	1 25	1 25 25.400	5.063 128.588	2.250 57.150	2.930 74.422	1.930 49.022	1.250 31.750	3.900	500.000 226.796

Options

(SUFFIX)	OPTION	SIZES
-01-	STANDARD	-
-02-	PANEL MOUNT	-
-03-	LOCK BONNET	-
-06-	GRAFOIL PACKING	-

316 STAINLESS STEEL GLOBE & ANGLE VALVES

1/8" THROUGH 1"

10,000 PSIG @ 100° F., WOG

316 stainless steel globe and angle valves with the standard option are excellent for sub-zero temperatures to -50°F. This valve offers the greatest overall corrosion resistance and can be used in acidic solutions.

MATERIAL LIST:

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|--------------|---|
| 1. Locknut | Steel, zinc plated |
| 2. Handle | ASTM A47 Malleable Iron, Melonite treated |
| 3. Stem | ASTM A276 Gr. 316 S.S., Melonite treated |
| 4. Gland Nut | ASTM A276 Gr. 316 S.S. |
| 5. Gland | ASTM B525 Gr. II, Type I |
| 6. Packing | P.T.F.E |
| 7. Bonnet | ASTM A276 Gr. 316 S.S. |
| 8. Body | ASTM A276 Gr. 316 S.S. |



Pressure & Temperature Ratings

Stainless Steel Needle Valve

