

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

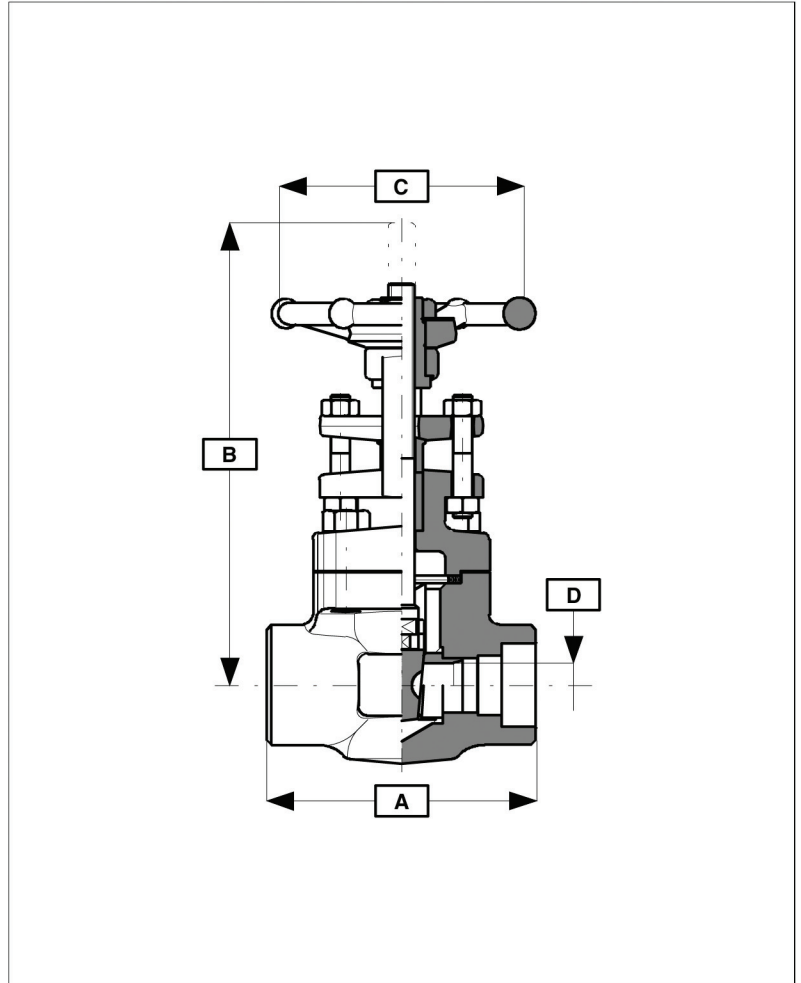
Hydrostatic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Pneumatic:
Seat - 85 p.s.i.

Standards

Construction API 602, BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test API 598-BS 6755 (Pt.1)

Connections

S Socket weld(SW)
T Threaded NPT
X SW-x-NPT



Typical Figure Number: GA08SA58GB - A105, Socket Weld, Trim 8

		CONVENTIONAL PORT							
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"		
A	(mm/in)	80 3.15	90 3.54	110 4.33	127 5.00	127 5.00	130 5.12		
B	(mm/in)	145 5.70	156 6.14	186 7.32	216 8.50	255 10.04	273 10.75		
C	(mm/in)	90 3.54	90 3.54	100 3.94	120 4.72	140 5.51	140 5.51		
D	(mm/in)	10 0.39	14 0.55	18 0.71	24 0.95	31 1.22	36.5 1.44		
Wt.	(kg/lb)	1.7 3.74	2.1 4.62	3.3 7.3	5.2 11.4	7.0 15.4	9.1 20.0		

		SPECIAL PORT							
		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	(mm/in)	80 3.15	80 3.15	90 3.54	110 4.33	127 5.00	127 5.00	130 5.12	150 5.91
B	(mm/in)	143 5.63	145 5.71	156 6.14	186 7.32	216 8.50	255 10.04	273 10.75	334 13.15
C	(mm/in)	90 3.54	90 3.54	90 3.54	100 3.94	120 4.72	140 5.51	140 5.51	200 7.87
D	(mm/in)	8.5 0.33	10 0.39	14 0.55	18 0.71	24 0.94	31 1.22	36.5 1.44	48 1.89
Wt.	(kg/lb)	1.8 4.0	1.8 4.0	2.2 4.8	3.4 7.5	5.3 11.7	7.1 15.6	9.2 20.2	14.2 31.2

Figure Number Definitions - See page 4