



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 BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test BS 6755 (Pt.1)

Connections

S Socket weld (SW)
X SW/NPT
T Threaded NPT

Typical Figure Number: GL08SA58GB - 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	155	6.10	170	6.69
B	(mm/in)	152	5.98	159	6.26	182	7.17	214	8.43	283	11.14	306	12.05
C	(mm/in)	90	3.54	90	3.54	100	3.94	120	4.72	140	5.51	140	5.51
D	(mm/in)	9	0.35	12.5	0.49	17.5	0.69	22.5	0.89	28 ⁽¹⁾	1.10	32 ⁽²⁾	1.26
Wt.	(kg/lb)	1.7	3.7	2	4.4	3.2	7.0	5.3	11.7	7.8	17.2	10.6	23.3

		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	155	6.10	170	6.69	210	8.27
B	(mm/in)	150	5.91	152	5.98	159	6.26	182	7.17	214	8.43	283	11.14	306	12.05	327	12.87
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)	6	0.24	9	0.35	12.5	0.49	17.5	0.69	22.5	0.89	28 ⁽¹⁾	1.10	32 ⁽²⁾	1.26	40 ⁽³⁾	1.57
Wt.	(kg/lb)	1.8	4.0	1.8	4.0	2.1	4.6	3.3	7.3	5.4	11.9	7.9	17.4	10.7	23.5	16	35.2

Figure Number Definitions - See page 4

1) D = 29.5 with integral stellited seat
2) D = 35 with integral stellited seat
3) D = 45 with integral stellited seat