

ANSI Z 21.5a, 2001,
CGA 9.1a - 2001
ASME B 16.44 - 2002
CR91 - 002
5 PSI

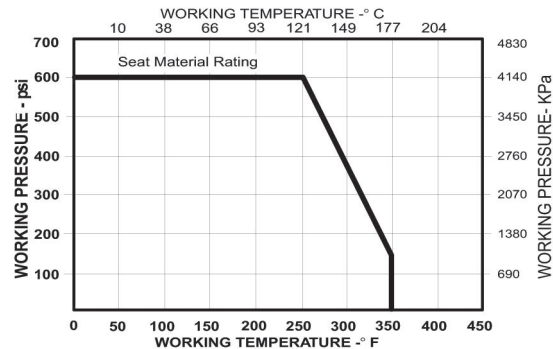


LISTED
UL 125
GAS LP
600 PSI (1/4" - 1")
250 PSI (1 1/4" - 2")
1/4" through 2"

MATERIALS LIST

ITEM	PART	MATERIALS	ASTM/SPEC
1	Body	Brass, Forged	B283
2	Tailpiece	Brass, Forged	B283
3	Ball	CP Brass Ball	B283
4	Ball Seat	PTFE	Commercial
5	Stem	Brass	B124
6	O-Ring	Buna-N	D2006
7	Thrust Washer	PTFE	Commercial
8	Gland Nut	Brass	B124
9	Packing	PTFE	Commercial
10	Handle	Zinc Plated Steel	B633
11	Handle Nut	Zinc Plated Steel	B633

PRESSURE - TEMPERATURE DATA



VALVES RATED FOR VACUUM SERVICE TO 29 INCHES Hg.

DIMENSIONS

Size		1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
		DN6	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100	
A	PORT DIA	INCH mm	0.39 10	0.39 10	0.51 13	0.76 19	0.98 25	1.26 32	1.5 38	2.0 51	2.52 64	2.95 75	
B		INCH mm	1.87 47	1.87 47	2.25 57	2.62 67	3.06 78	3.5 89	3.75 95	4.38 111	5.5 140	6.25 159	7.31 186
C		INCH mm	0.95 24	0.95 24	2.40 61	1.31 33	1.91 49	2.21 56	1.87 47	2.19 56	2.75 70	3.10 79	3.66 93
D		INCH mm	1.42 36	1.42 36	1.46 37	1.93 49	2.10 53	2.33 59	2.52 64	2.96 75	3.70 94	4.00 102	4.33 110
E		INCH mm	3.14 80	3.14 80	3.14 80	4.35 110	4.35 110	5.00 127	5.00 127	6.90 175	6.90 175	6.90 175	6.90 175
F	THREADS	NPT DN	0.25 6	0.38 10	0.50 15	0.75 20	1.00 25	1.25 32	1.50 40	2.00 50	2.50 65	3.00 80	4.00 100
Cv	GPM		12	12	18	40	72	112	161	287	287	448	645
TORQUE	INCH-LB N.m		16 1.8	16 1.8	19 2.1	58 6.5	69 7.8	89 10	124 14	210 24	201 23	488 55	586 66
WEIGHT	LBS. grams		0.33 149	0.34 155	0.47 213	0.89 403	1.24 565	1.66 755	2.34 1064	4.94 2245	6.01 2729	9.52 4322	13.5 6106
CASE QTY	VALVES		120	120	120	60	48	24	24	8	8	6	4

Rev. 2

STANDARD PORT 400 WOG