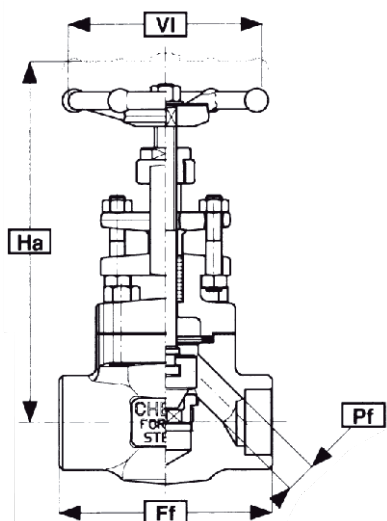


GLOBE VALVES

KLINGER 13DC-2/3
Forged steel valves
Class 800



Globe valves with socket welding ends/butt welding ends/threaded NPT

MATERIALS

- » Carbon steel
- » Stainless steel
- » Alloys
- » Special alloys
(e.g. Monel, Inconel, Incoloy, Hastelloy, UNS, etc.)

SPECIFICATIONS

Ratings (ASTM A105)

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

Test pressure (ASTM A105)

- » Hydraulic: (minimum)
- » Body - 3000 p.s.i.
- » Seat - 2175 p.s.i.

Connections (*)

- SW Socket weld
- TH Threaded NPT
- TS Sw/NPT
- SU Sw(u)/NPT
- SE Sw(e)/NPT
- B4 Butt weld 40
- B8 Butt weld 80

Standards

- Construction BS 5352
- Socket weld ASME B16.11
- Threaded ASME B1.20.1
- Butt weld ASME B16.25
- Test BS 6755 (Pt.1)

DIMENSIONS AND WEIGHTS

Reduced Bore					
	Ff (mm/in)	Ha (mm/in)	VI (mm/in)	Pf (mm/in)	Wt (kg/lb)
1/2"	80	152	90	9	1,7
	3,15	5,98	3,54	0,35	3,7
3/4"	90	159	90	12,5	2
	3,54	6,26	3,54	0,49	4,4
1"	110	182	100	17,5	3,2
	4,33	7,17	3,94	0,69	7,0
1 1/4"	127	214	120	22,5	5,3
	5,00	8,43	4,72	0,89	11,7
1 1/2"	155	283	140	28**	7,8
	5,00	10,04	5,51	1,10	17,2
2"	170	306	140	32***	10,6
	6,69	12,05	5,51	1,26	23,3

Full Bore					
	Ff (mm/in)	Ha (mm/in)	VI (mm/in)	Pf (mm/in)	Wt (kg/lb)
1/4"	80	150	90	6	1,8
	3,15	5,91	3,54	0,24	4,0
3/8"	80	152	90	9	1,8
	3,15	5,98	3,54	0,35	4,0
1/2"	90	159	90	12,5	2,1
	3,54	6,26	3,54	0,49	4,6
3/4"	110	182	100	17,5	3,3
	4,33	7,17	3,54	0,69	7,3
1"	127	214	120	22,5	5,4
	5,00	8,43	4,72	0,89	11,9
1 1/4"	155	283	140	28**	7,9
	5,00	10,04	5,51	1,10	17,2
1 1/2"	170	306	140	32***	10,7
	6,69	12,05	5,51	1,26	23,5
2"	210	327	200	40****	16
	8,27	12,87	7,87	1,57	35,2

**Pf = 29,5 with integral stellited seat

***Pf = 35 with integral stellited seat

****Pf = 45 with integral stellited seat