



PARTS

Part	Material
	Carbon steel VIII
Body/bonnet	A105N
Inner parts	A182/F6
Gasket	AISI316 + Graphite
Packing	Graphite
Part	Material
	Stainless steel XC
Body/bonnet	A182/F316
Inner parts	A182/F316
Gasket	AISI316 + Graphite
Packing	Graphite

DIMENSIONS AND WEIGHTS

Size	Ff		Ha		VI		Pf		Wt	
	mm	in	mm	in	mm	in	mm	in	kg	lb
1/2"	80	3,15	145	5,70	90	3,54	10	0,39	1,7	3,74
3/4"	90	3,54	156	6,14	90	3,54	14	0,55	2,1	4,62
1"	110	4,33	186	7,32	100	3,94	18	0,71	3,3	7,3
1 1/4"	127	5,00	216	8,50	120	4,72	24	0,95	5,2	11,4
1 1/2"	127	5,00	255	10,04	140	5,51	31	1,22	7,0	15,4
2"	130	5,12	273	10,75	140	5,51	36,5	1,44	9,1	20,0

Ratings (ASTM A105)

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

Test pressure (ASTM A105, A182)

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 API 602, BS5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test API 598, BS 6755 (Pt.1)