



Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 5575 p.s.i.
Seat - 4100 p.s.i.
Air under water:
not applicable

Standards

Construction founded on API 602
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test founded on API 598

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 Butt weld 160	

CONVENTIONAL BORE								
	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	90 3,54	90 3,54	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	50 1,97	50 1,97	50 1,97	56 2,20	67 2,64	82 3,23	99 3,90	121 4,76
Pf (mm/in)	6,5 0,26	9 0,35	10 0,39	13,5 0,53	18 0,71	24 0,94	29 1,14	35 1,38
Wt. (kg/lb)	1,4 3,1	1,4 3,1	1,4 3,1	2,3 5,1	3,8 8,4	5,6 12,3	8,3 18,3	13,4 29,5
Catal. no.	Xi850WC/xx	Xi851WC/xx	Xi852WC/xx	Xi853WC/xx	Xi854WC/xx	Xi855WC/xx	Xi856WC/xx	Xi857WC/xx

1) Standard and alternative valve materials on page 67, type B
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW, NPT & BW dimensions on page 73

4) Dimensions for piston & ball type; for swing see page 19
5) Code t is replaced by kind of check valve (drawing above)