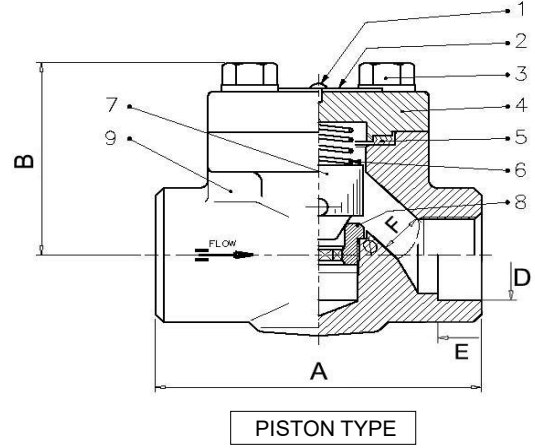
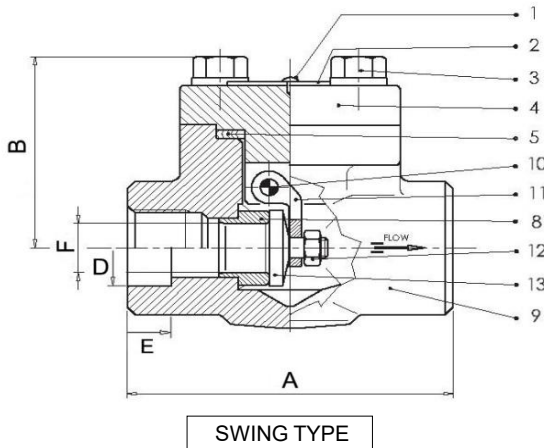


# FORGED STEEL CHECK VALVE CLASS 800 LBS.

DRW: (SWING TYPE) SR08 (RB) - SF08 (FB)

(PISTON TYPE) PR08 (RB) - PF08 (FB) rev.0



**API 602 - ISO 15761 - ASME B16.34**

**Ratings (Class 800 according to API 602):**

Testing according to API 598

**carbon steel class 800 : 136 bar @ +38°C**

Marking MSS SP25, Bolted Cover

**1975 PSI @ 100°F**

SW Socket weld Ends to ANSI B16.11

**stainless steel 316/L class 800 : 132 bar @ +38°C**

NPT Screwed Ends to ANSI B1.20.1

**1920 PSI @ 100°F**

PART NAME	PARTICOLARE	CARBON STEEL	STAINLESS STEEL
1) RIVET	RIVETTO	ZINC PLATED STEEL	STAINLESS STEEL
2) NAMEPLATES	TARGHETTA	ALUMINIUM	ALUMINIUM
3) STUD BOLTS	TIRANTI	ASTMA 193 - B7M	ASTMA 193 - B8M
4) COVER	COPERCHIO	ASTMA 105N	ASTMA 182 F316L
5) GASKET	GUARNIZIONE	GRAPHITE + A. 316L	GRAPHITE + 316L
6) SPRING	MOLLA	ASTMA 182 F316	ASTMA 182 F316L
7) PISTON	PISTONE	S.S A 182 F6a	A479 Type 316L
8) SEATS	SEDE	S.S A 182 F6a+STELLITE Gr.6	A479 Type 316L+HF
9) BODY	CORPO	ASTMA 105N	ASTMA 182 F316L
10) HINGE PIN	SPINA	S.S A 182 F6a	S.S. AISI 316L
11) HINGE	CERNIERA	S.S A 182 F6a	S.S. AISI 316L
12) DISC NUT	DADO	ASTMA 194 - Gr.8	ASTMA 194 - Gr.8
13) DISC	BATTENTE	S.S A 182 F6a	S.S. AISI 316L

ALTERNATE MATERIALS AVAILABLE				
EXTERNAL MATERIAL		TRIM MATERIAL		
Body & Bonnet	Bolts	Disc	Seat	
ASTMA 105N	B7	420	410 HF	
		410 HF	410 HF	
	B7M	316	316	
		316HF	Monel	
A350 - LF2	L7	410	410 HF	
ASTM A182	F5	B16	420	410 HF
	F9			
	F11			
	F22			
	F304			
	F304L			
F316	B8	304 HF	304 HF	
		304L HF	304L HF	
		316 HF	316 HF	
F316L		316L HF	316L HF	

REDUCED BORE	mm.	15	20	25	32	40	50
	inch.	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A end to end	mm	80	90	110	127	155 *	170 *
	inch.	3,15	3,54	4,33	5,00	6,10	6,69
B center to top	mm	49	55	70	77	105	120
	inch.	1,93	2,17	2,76	3,03	4,13	4,72
D socket weld bore	mm	21,72	27,05	33,78	42,55	48,64	61,11
	inch.	0,86	1,06	1,33	1,68	1,91	2,41
E bore depth (min.)	mm	9,65	12,70	12,70	12,70	12,70	15,75
	inch.	0,38	0,50	0,50	0,50	0,50	0,62
F Dn. Of port Piston/Ball	mm	9	12,5	17,5	22,5	29	35
	inch.	0,35	0,49	0,69	0,89	1,14	1,38
F Dn. Of port Swing	mm	10	14	18	24	29,5	36,5
	inch.	0,39	0,55	0,71	0,94	1,16	1,44
WEIGHT	Kg.	1,1	1,8	2,6	3,6	5,5	8,4

\* For Swing type end to end Dn. 1 1/2" = 127 ; Dn. 2" = 127

FULL BORE	mm.	6	10	15	20	25	32	40	50
	inch.	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A end to end	mm	80	80	90	110	127	155 *	170 *	210 *
	inch.	3,15	3,15	3,54	4,33	5,00	6,10	6,69	8,27
B center to top	mm	49	49	55	70	77	105	120	145
	inch.	1,93	1,93	2,17	2,76	3,03	4,13	4,72	5,71
D socket weld bore	mm	14,1	17,53	21,72	27,05	33,78	42,55	48,64	61,11
	inch.	0,56	0,69	0,86	1,06	1,33	1,68	1,91	2,41
E bore depth (min.)	mm	9,65	9,65	9,65	12,7	12,7	12,7	12,7	15,75
	inch.	0,38	0,38	0,38	0,50	0,50	0,50	0,50	0,62
F Dn. Of port Piston/Ball	mm	7	9	12,5	17,5	22,5	29	35	45
	inch.	0,28	0,35	0,49	0,69	0,89	1,14	1,38	1,77
F Dn. Of port Swing	mm	8	10	14	18	24	29,5	36,5	48
	inch.	0,31	0,39	0,55	0,71	0,94	1,16	1,44	1,89
WEIGHT	Kg.	1,1	1,1	1,8	2,6	3,6	5,5	8,4	11,8

\* For Swing type end to end Dn. 1 1/4" = 127 ; Dn. 1 1/2" = 127 ; Dn. 2" = 150/210