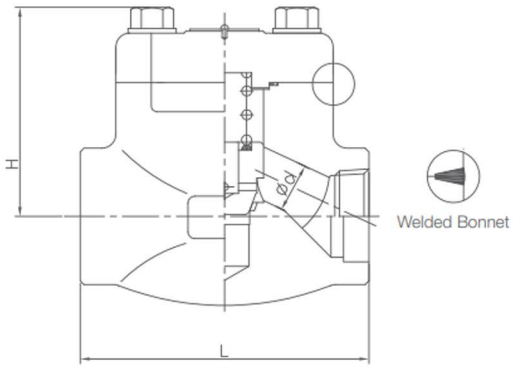
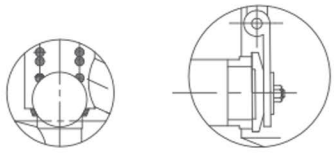
CLASS 800#
CHECK VALVES
Threaded and Socket Weld Ends, Standard Bore





Ball Type Swing Type

SPECIFICATION

Valve Body Pressure Rating
Class 800, Max 1975 psig @ 100 F (Carbon Steel)

Temperature Rating
As per ANSI ASME B16.34

Body Contsruction
Bolted Cap
Welded Cap
Piston Check. Spring Loaded as standard.
Ball Type Check available
Swing Type Check available
Y Pattern available
Pup Piece welding or Extended ends available upon request.

Body Bolts
ASTM A193 Gr B7 or B8 (N/A to Welded Bonnet)
(Other Options availabe upon request)

Seats
Integral Body Seat. (Except Swing Type)
Full/Half HF (Hardfaced Stellite #6) seats or
Non HF seats available

Seat / Seal Leakage
Conform to API 598.

Design Specification
API 602
ASME B16.34
Socket Weld Ends to ASME B16.11
Threaded Ends to ASME B1.20.1
End to End (L) dimensions are to manufacturer standard
NACE MR-01-75 material (when required)
Materials to ASTM standards
Special Materials are available to customer requirements

STANDARD COMPONENT MATERIALS

NO	DESCRIPTION	A105N /HF	LF2/HF	F304(L) /HF	F316(L) /HF	F51/HF
1	BODY	A105N	LF2	F304(L)	F316(L)	F51
2	SEAT	HF				
3	DISC	HF				
4	SPRING	SS				
5	GASKET	SPW 316 + GRAPHITE		SPW 304 + GRAPHITE	SPW 316 + GRAPHITE	
6	PIN	SS				
7	CAP	A105N	LF2	F304(L)	F316(L)	F51
8	BOLT	B7	L7	B8	B8	B8
9	NAMEPLATE	SS				

NOTE: (L) Refers to Material available in Low Carbon as an option as well.
Other materials available to customer requirement.

DIMENSION TABLE

(UNIT - mm)

SIZE	L	d	H	WEIGHT(kg) (Approx.)	CV FACTORS
1/2"	79	9.5	61	1.35	1
3/4"	92	12.5	61	1.5	2.8
1"	111	17.5	79	2.5	6
1 1/4"	118	23	81	3.2	9.5
1 1/2"	140	28.5	82	4.1	11
2"	172	36.5	99	6.95	18

NOTE: Dimensions are for information only.
Order Specific arrangement drawing dimensions will be final.