FORGED STEEL CHECK VALVE
(SCREWED END | SOCKETWELD END)

SIZES: DN15 TO DN50
CLASS 800

FEATURES

- Check valve is mainly to prevent the media reverse flow and ensure a one-way flow of media channels only.
- Sturdy design for high-pressure & temperature service.
- Body & Cover is manufactured by Forging.
- Bolted body-cover construction.
- Bolted body-cover joints provided with spiral-wound stainless steel gasket and graphite filler for protection against leaks.
- Disc is guided in the Cover assuring accurate return to seating to achieve leak tightness.
- Socket welded ends as per ASME B16.11.
- Screwed ends as per ASME B1.20.1.
- High Tensile B7/2H Fasteners.
- With the force of medium, the disc will automatically open or close. When the media stops the flow, the disc will be closed under its own force. No manual intervention is involved in the whole process.
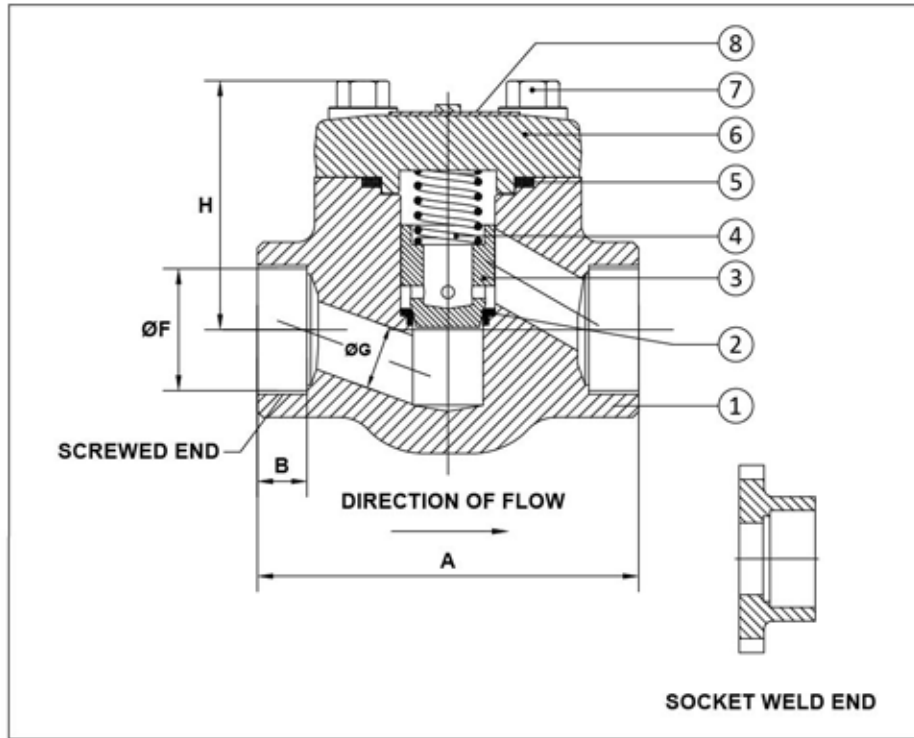
Royaltech Valves.
......Flow Redefined

TECHNICAL DATA :

MANUFACTURING STANDARD	:	BS 5352
TESTING & INSPECTION STANDARD	:	API 598
SOCKETWELD AND THREADED TO	:	ASME B16.11 / ASME B1.20.1
FLANGE TO FLANGE DISTANCE	:	ASME B16.10

DIRECTION OF FLOW

SCREWED END

SOCKET WELD END

NO	DESCRIPTION	MATERIAL	QTY
1	BODY	A105 / F304 / F316 / F11 / F22	1
2	SEAT RING	AISI 304 / AISI 316 / AISI 410	1
3	PLUG	AISI 304 / AISI 316 / AISI 410	1
4	SPRING	INCONEL 750	1
5	GASKET	SPIRAL WOUND SS304 WITH CAF	1
6	CHECK PLATE	A105 / F304 / F316 / F11 / F22	1
7	HEX BOLT	ASTM A193 Gr.B7	4
8	NAME PLATE	STAINLESS STEEL	1

SIZE		CLASS 800					
in.	mm	A	B	ØF	ØG	H	
½ "	15	85	10	22	9	50	
¾ "	20	90	13	27.5	12	62	
1 "	25	105	13	34	17.5	68	
1 ½ "	40	128	13	48.6	29.5	100	
2 "	50	142	16	61.1	35	100	

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

TEST PRESSURE	
BODY	SEAT
3000 PSIG	2000 PSIG
AIR TEST OF SEAT AT 100 PSIG	