



UPC-FSCV-425

CAST STEEL SWING CHECK VALVE CLASS-150#

Design Features:

- UPC Cast Steel (A 216 Gr. WCB) Swing Check Valve.
- Renewable Seat
- Bolted Bonnet
- AISI-410) Trim.
- Raised Face Drilled/ Undrilled

Conformity to Standard & Codes:

- Product Standard-BS 1868/ ASME B16.34
- Testing Standard-API-6D
- End Details-Flanged Ends ASME-B 16.5, Class-150, Raised Face Drilled/Undrilled.

Size

25mm to 300mm (1" to 12")

Applications

- Steam Industries
- Water Supply & Solvent Industries
- Oil Industries
- Process Industries

Water Steam Oil Air



Test Certificate in Form III_C as per IBR is Furnished with every supply

UPC INSTRUMENTS PVT.LTD.
AN ISO 9001:2015, 14001-2015 CE & TÜV SÜD CERTIFIED COMPANY



CAST STEEL SWING CHECK VALVE 150#



DIMENSIONS:

NOMINAL SIZE									
INCHES	SIZE IN MM	L ±2	ØD	ØC	FT	K	N	ØP	H (APPROX.)
1"	25	127	110	50.8	11.6	79	4	15.9	120
1½"	40	165	125	73	14.7	89	4	15.9	127
2"	50	203	150	92	16.3	120.7	4	19	135
2½"	65	216	180	104	17.9	140	4	19	145
3"	80	241	190	127	19.5	152.4	4	19	165
4"	100	292	230	157.2	24.3	190.5	8	19	190
6"	150	356	280	216	26	241	8	22.4	230
8"	200	495	345	270	29	298.5	8	22.4	285
10"	250	623	406	324	30.6	362	12	25.4	335
12"	300	698	485	381	32.2	431.8	12	25.4	365

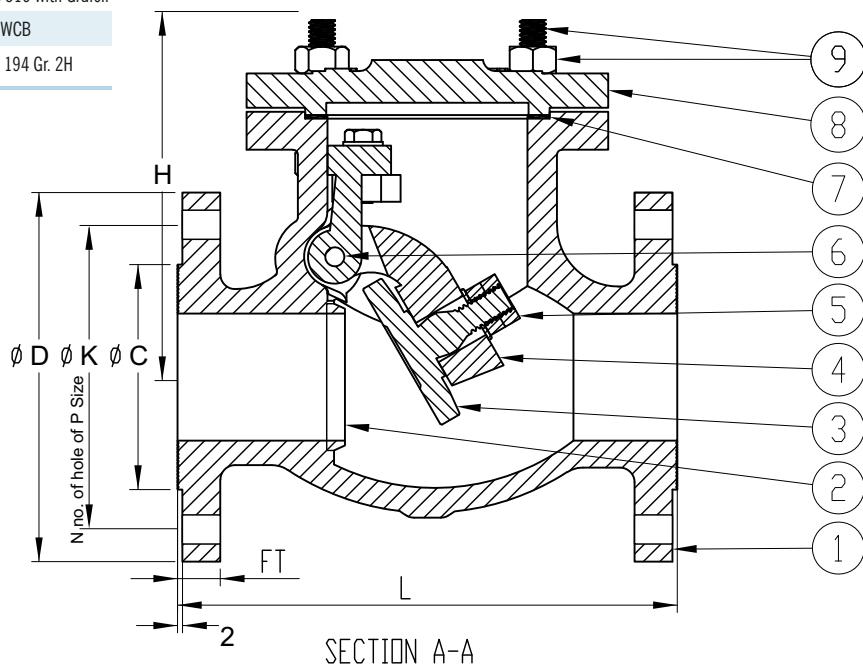
*All dimensions are in mm unless and otherwise specified.

PART LIST

S NO	PART NAME	MATERIAL	STANDARD
1.	Body	C.S.	ASTM A 216 Gr. WCB
2.	Body Seat Ring	SS	ASTM A 105 + 13% Cr.
3.	Disc	C.S.	A 216 Gr. WCB + 13% Cr
4.	Disc Hinge	C.S.	ASTM A 216 Gr. WCB
5.	Disc Nut	SS	AISI 410
6.	Hinge Pin	SS	AISI 410
7.	Cover Gasket	Grafoil	Spiral wound SS 316 with Grafoil
8.	Cover	C.S.	ASTM A 216 Gr. WCB
9.	Bolt & Nuts	C.S.	A193 Gr. B7 & A 194 Gr. 2H

TEST PRESSURE:

Maximum Pressure at 400°C	
TYPE OF TEST	PRESSURE (Bar)
Body	30 Bar
Seat	22 Bar



WARRANTY

All the valves are warranted against any manufacturing defect for a period of 12 months from date of supply, provided the valves has not been misused, damaged, installed for services it is not recommended or the seal has been tampered with. The company shall be liable to furnish part/ parts thereof or full Valve as the company may deem fit.



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