



SWING CHECK VALVE (FLANGED)

We, "Flow-Tech" are a leading manufacturer and Exporters of SWING CHECK VALVE. A basic Swing Check valve consists of a valve body, a bonnet, and a disk that is connected to a hinge. this valve are automatic valves that open with forward flow and close with reverse flow. The disc in a swing type Check valve is unguided as it fully opens or closes. There are many disk and seat designs available, in order to meet the requirements of different applications. The pressure of the fluid passing through a system opens the valve, while any reversal of flow will close the valve. Exact operation will vary depending on the type of Check valve mechanism. We have a wide range of SWING CHECK VALVE in CI, CS, SS and other metals on request. "Flow-Tech" SWING CHECK VALVE mainly Used in Process Industries like Chemical, Petrochemicals, Pharmaceuticals, Power Plant and many more.

"Flow-Tech" SWING CHECK VALVE design is developed with following and using international Standard for having an International Competency with Global Manufacturers.



TECHNICAL DETAIL

DESIGN TYPE	BOLTED BONNET
MFG. STANDARD	API 6D / BS 1868 / API 594
TESTING STANDARD	API 598 / API 6D
FACE TO FACE DIMENSIONS	ASME B 16.10
FLANGE STANDARD	ASME B 16.5
BUTT WELD END STANDARD	ASME B 16.25
PRESSURE & TEMPERATURE RATING	ASME B 16.34
PRESSURE CLASS	150#, 300#, 600#, 900#, 1500#, PN10, PN16, PN25, PN40
VALVE SIZE	1/2" To 40" (15 mm TO 1000 mm)
END CONNECTIONS / END CONNECTIONS	FLANGED / BUTT WELD
FLANGE DRILLING	150#, 300#, 600#, 900#, 1500#, PN10, PN16, PN25, PN40, BS 10 TABLED / E / F / H
MATERIAL OF CONSTRUCTION	C1015 210GR.FG200 ASTMA 216 GR.WCB ASTMA 217 GR.WC6 / WC9 / CA15 ASTMA 351 GR.CF8 / CF8M / CF3 / CF3M / CD4MCu ASTMA 352 GR.LCB
OPERATIONS	HAND WHEEL / GEAR / PNEUMATIC / ELECTRICAL ACTUATOR

FACE TO FACE DIMENSIONS (FLANGED)

INCH	MM	150#	300#	600#
1/2"	15	108.0	152.0	165.0
3/4"	20	117.5	178.0	190.5
1"	25	128.0	203.0	216.0
1 1/4"	32	140.0	—	—
1 1/2"	40	165.0	229.0	241.0
2"	50	203.0	267.0	292.0
2.5"	65	216.0	292.0	330.0
3"	80	241.0	317.0	356.0
4"	100	292.0	356.0	432.0
5"	125	355.0	400	508.0
6"	150	406.0	444.5	559.0
8"	200	495.0	559.0	660.0
10"	250	622.0	622.0	787.0
12"	300	698.0	711.5	838.0

TEST PRESSURE

CLASS	BODY HYDRO TEST		SEAT HYDRO TEST		BACK SEAT TEST	
	PSIG	KG/CM2	PSIG	KG/CM2	PSIG	KG/CM2
150#	450	32	315	22	100	7
300#	1125	79	825	58	100	7
600#	2225	156	1640	115	100	7

*Pressure Testing Time Will be 15 Sec. *Test With Water only.

ADD.- 8, Adarsh Crystal Ind. Park, Nr. SPX Flow Company, Adinathnagar
Road, Odhav, Ahmedabad -382415

MO.- +91-9173743385

www.flowtechvalve.com