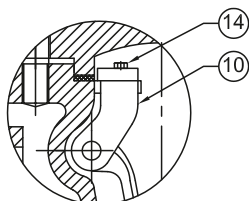
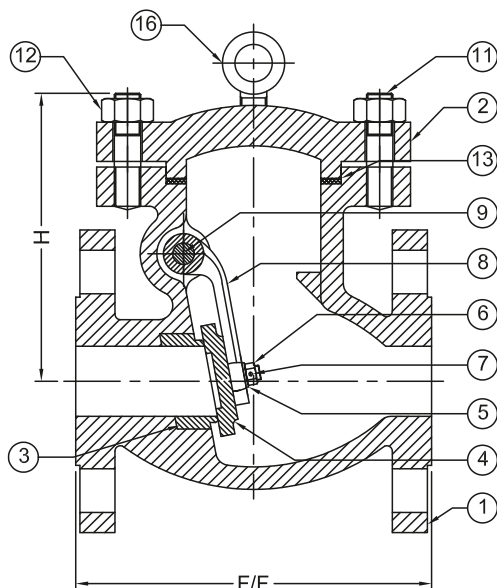
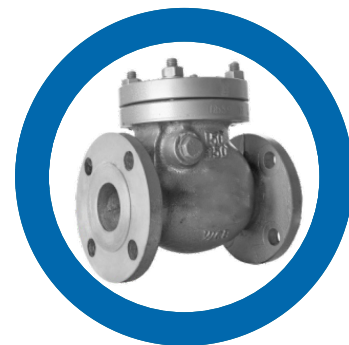


DESIGN STD :-

- Check valve design : BS 1868
- Pressure/temperature rating : ASME B16.34
- End-end Dimension : ASME B16.10
- Flange dimensions per ASME B16.5
- Testing per API 598
- Butt weld ends per ASME 16.25

SWING CHECK VALVE CLASS 150/300/600



Internally Mounted Hinge

Materials

Part no.	Part Name	WCB	WC6	CF8	CF8M
1	Body	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
2	Cover	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
3	Seat Ring	A 217 CA15	A 217 CA15	A 351 CF8	A 351 CF8M
4	Disc	A 217 CA15	A 217 CA15	A 351 CF8	A 351 CF8M
5	Disc Washer	13Cr	13Cr	AISI 304	AISI 316
6	Disc Nut	Stainless Steel			
7	Disc Nut Pin	Stainless Steel			
8	Hinge	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
9	Hinge Pin	See trim material table			
10	Hinge Bracket	A 216 WCB	A 217 WC6	A 351 CF8	A 351 CF8M
11	Cover stud	A 193 B7	A 193 B16	A 193 B8	A 193 B8
12	Cover nut	A 194 2H	A 194 Gr. 4	A 194 Gr. 8	A 194 Gr. 8
13	Gasket	Graphite+Stainless steel 304		PTFE+Stainless steel 304	
14	Hex Bolt	Carbon steel		Stainless steel	
15	Lock Washer	Carbon steel		Stainless steel	
16	Eyebolt	Carbon steel		Stainless steel	
17	Plug	Carbon steel		Stainless steel	
18	Name plate	Stainless steel			

Dimensions (Class 150)

Size (NB)	25	40	50	65	80	100	125	150	200	250	300	350	400
Face to Face	127	165	203	216	241	292	--	356	495	622	699	787	864
H	105	140	156	180	188	116	--	234	276	308	358	435	482

Dimensions (Class 300)

Size (NB)	25	40	50	65	80	100	150	200	250	300	350	400	
Face to Face	--	--	267	--	318	356	445	533	622	711	838	864	
H	--	--	165	--	208	236	285	320	366	450	480	520	

Dimensions (Class 600)

Size (NB)	25	40	50	65	80	100	150	200	250	300	350	400	
Face to Face	--	--	292	330	356	432	559	660	787	838	889	991	
H	--	--	165	200	208	255	305	390	415	428	460	585	

WHY "M-FLOW" CHECK VALVE?

- Bolted cover
- internally mounted hinge
- Stainless steel / graphite packings
- Minimum pressure drop

Trim Materials

Part no.	Part name	Trim 1	Trim 2	Trim 5	Trim 8	Trim 10
4	Disc Face	13Cr / 13Cr	304 / 304	Stellit./Stellit	Stellite/13Cr	316 / 316
3	Seat Face	13Cr	AISI 304	Stellite	13Cr	AISI 316
9	Hinge Pin	13Cr	AISI 304	13Cr	13Cr	AISI 316