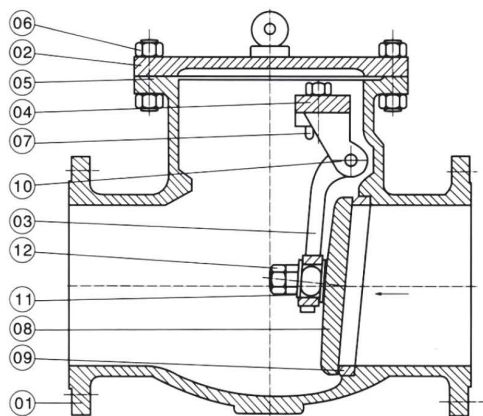


Class 150~1500 swing check valve

Bolted cover, swing type disc

Threaded or welded seat ring

ASTM A216 WCB, A217 WC6, A351CF8, A351CF8M,
A351 CF3, A351 CF3M, A351 CN7M



Standards compliance

Design and Manufacture: ANSI B16.34, API 6D, BS11868

Face to face (end to end): ANSI B16.10, API 6D

Flanged connection: 2"~24" to ANSI B 16.5

22", 26"-36" to MSS-SP-44

to API 605 on request

Butt welded end: ANSI B16.25

Test and inspection: API 598, API 6D

Materials list		
NO.	Part name	Material
12	Disc nut	Carbon steel/stainless steel
11	Washer	Carbon steel/stainless steel
10	Hinge pin	Carbon steel/stainless steel
09	Seat ring	CS+SS/SS/SS+STL (see body materials)
08	Disc	CS+SS/SS/SS+STL (see body materials)

NO.	Part name	WCB	LCB	WC6	WC9
07	Bolt stud&nut	A193 Gr B7/A194 Gr 2H	A320 Gr L7/A194 Gr 4	A193 Gr B7/A194 Gr 4/7	A193 Gr B16/A194 Gr 4/7
06	Cover bolt&nut	A193 Gr B7/A194 Gr 2H	A320 Gr L7/A194 Gr 4	A193 Gr B7/A194 Gr 4/7	A193 Gr B16/A194 Gr 4/7
05	Gasket	Spiral wound/soft iron	Spiral wound/soft iron	spiral wound/SS304	spiral wound/SS304
04	Hinge yoke	A216 Gr WCB	A352 Gr LCB	A217 Gr WC6	A217 Gr WC9
03	Hinge	A216 Gr WCB	A352 Gr LCB	A217 Gr WC6	A217 Gr WC9
02	Cover	A216 Gr WCB	A352 Gr LCB	A217 Gr WC6	A217 Gr WC9
01	Body	A216 Gr WCB	A352 Gr LCB	A217 Gr WC6	A217 Gr WC9

NO.	Part name	C5	C12	CF8	CF8M
07	Bracket stud&nut	A193 Gr B16/A194 Gr 4	A193 Gr B16/A194 Gr 4/7	A193 Gr B8/A194 Gr 8	A193 Gr B8M/A194 Gr 8M
06	Cover stud&nut	A193 Gr B16/A194 Gr 4	A193 Gr B16/A194 Gr 4/7	A193 Gr B8/A194 Gr 8	A193 Gr B8M/A194 Gr 8M
05	Gasket	Spiral wound/soft iron	Spiral wound/SS304	Spiral wound/SS304	Spiral wound/SS316
04	Hinge yoke	A217 Gr C5	A217 Gr C12	A351 Gr CF8	A351 Gr CF8M
03	Hinge	A217 Gr C5	A217 Gr C12	A351 Gr CF8	A351 Gr CF8M
02	Cover	A217 Gr C5	A217 Gr C12	A351 Gr CF8	A351 Gr CF8M
01	Body	A217 Gr C5	A217 Gr C12	A351 Gr CF8	A351 Gr CF8M

Higher sizes are with dashpot arrangement to control the movement of the disc in order to avoid slamming and water hammer.