



300# CS FLANGED SWING CHECK VALVE

SM300SCV

FEATURES

- Class 300
- Flanged Ends
- API Trim 8
- Maximum Pressure 285 PSI
- Temperature Range: -20 to 797

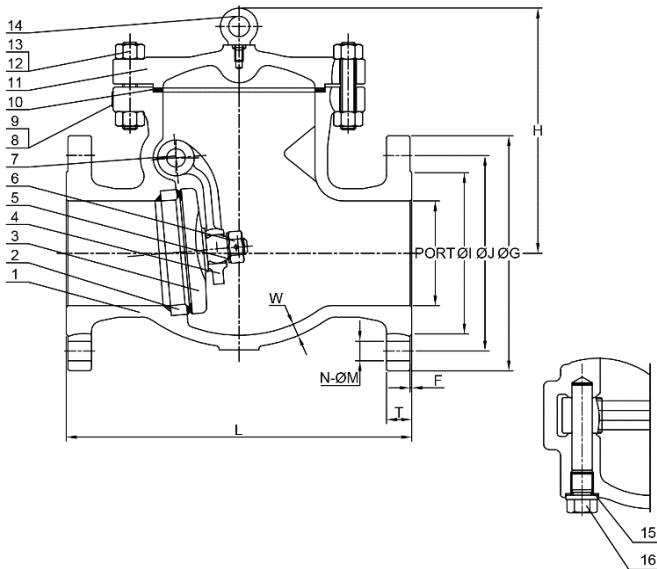


APPLICABLE STANDARDS

- Design API 594
- Face to Face Dimension Conforms to ANSI B16.10
- Raised Face Flanged Ends Conforms to ANSI B16.5
- Tested According to API 598
- Nace MR0175

Materials of Construction

Item	Part	ASTM
1	Body	A216 WCB
2	Seat Ring	A105+CoCr-A
3	Disc	A105+410
4	Swing Arm	A216 WCB
5	Disc Washer	A276 Gr. 410
6	Disc Nut	A194 Gr. 2HM
7	Hinge Pin	A276 Gr. 410
8	Name Plate	AISI 304
9	Rivet	AISI 304
10	Gasket	316SS+ Graphite SW
11	Bonnet	A216 WCB
12	Cover Stud	A193 Gr. B7M
13	Cover Nut	A194 Gr. 2HM
14	Eye Bolt(≥2")	A29 Gr. 1035
15	Plug Seal	A29 Gr. 1008
16	Plug	A276 Gr. 410



Dimensions (Inches)

Size	L	ØI	ØJ	ØG	T	N-ØM	F	Weight (lbs)
2"	10.50	3.62	5.00	6.50	0.88	8-Ø0.75	0.06	47.50
2-1/2"	11.50	4.12	5.88	7.50	1.00	8-Ø0.875	0.06	52.60
3"	12.50	5.00	6.62	8.25	1.12	8-Ø0.875	0.06	86.20
4"	14.00	6.19	7.88	10.00	1.25	8-Ø0.875	0.06	131.50
6"	17.50	8.50	10.62	12.50	1.44	12-Ø0.875	0.06	245.80
8"	21.00	10.62	13.00	15.00	1.62	12-Ø 1	0.06	413.50
10"	24.50	12.75	15.25	17.50	1.88	16-Ø1.125	0.06	687.60
12"	28.00	15.00	17.75	20.50	2.00	16-Ø1.25	0.06	1,048.50

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