
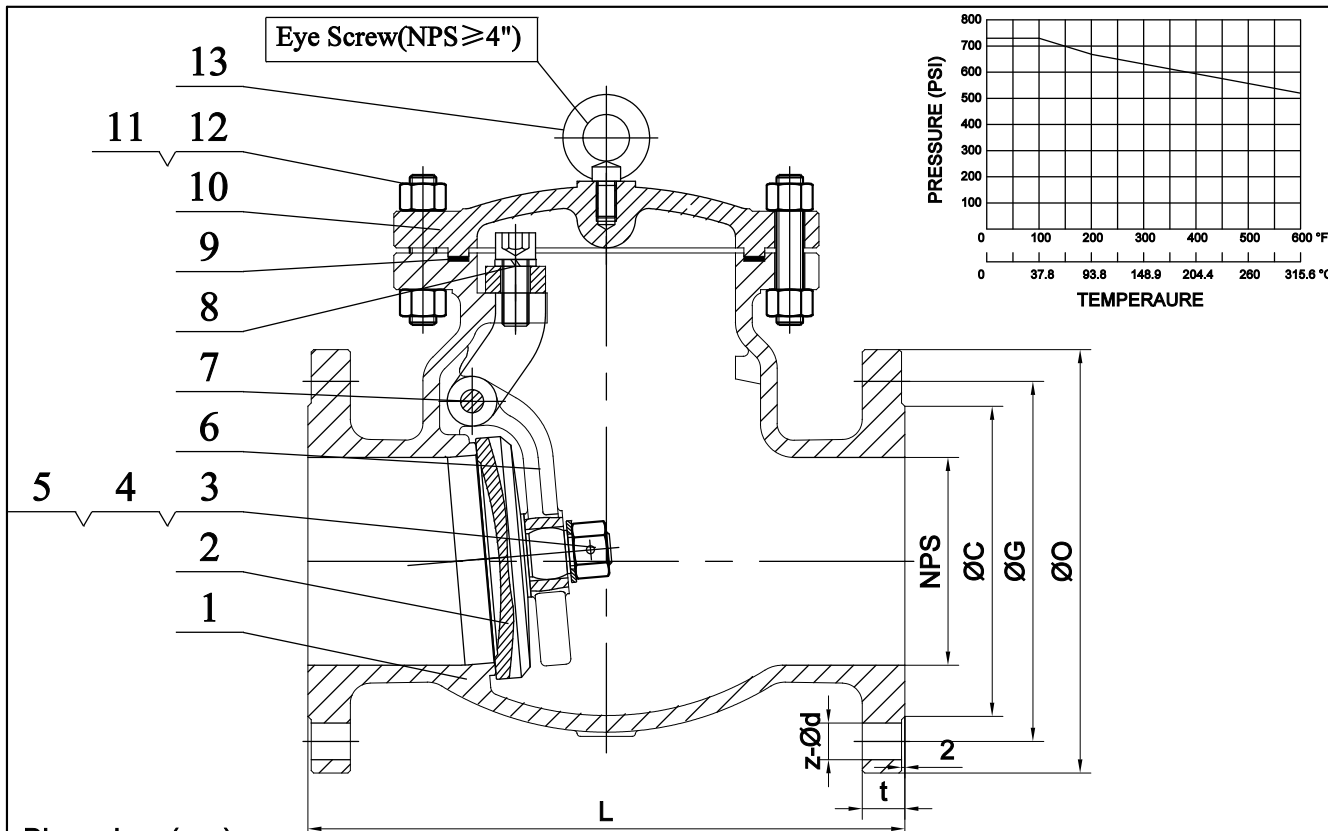


Dimensions (mm)

NPS	DN	L	D	C	G	O	t	Z-Ød
1/2"	15	152	10.5	34.9	66.7	95	14.7	4-Ø16
3/4"	20	178	13.0	42.9	82.6	115	16.3	4-Ø19
1"	25	216	17.5	50.8	88.9	125	17.9	4-Ø19
1-1/4"	32	229	23.0	63.5	98.4	135	19.5	4-Ø19
1-1/2"	40	241	28.0	73.0	114.3	155	21.1	4-Ø22

No.	PART	MATERIAL		
1	Body	ASTM A182 F316		
2	Seat ring	ASTM A276 316		
3	Disc	ASTM A182 F316		
4	Nut	ASTM A194 8M		
5	Arm	A276 316		
6	Eye Bolt	ASTM A193 B8M		
7	GasKet	SS 316+Graphite		
8	Bonnet	ASTM A182 F316		
9	Bolt	ASTM A193 B8M		
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30				
Test Pressure	Shell Test	7.5 MPa		
	Seal Test	5.5 MPa		
	Air Test	0.6 MPa		
	Suitable Temp.	-29 ~ 425 °C		
Standard	Face to Face	ASME B16.10		
	End Connection	ASME B16.5		
	Valve Design	ASME B16.34 & BS 1868		
	Valve Test	API 598		
Drawing No.	Date	Figure No.	Rev No.	
CY	Sep 11, 2018	SSC-A3-SUS	003	
Swing Check Valve, Class 300				
FLOCONTROL				



Dimensions (mm)							
NPS	DN	L	C	G	O	t	Z-Ød
2"	50	267	92.1	127	165	22.7	8-Ø19
2-1/2"	65	292	104.8	149.2	190	25.9	8-Ø22
3"	80	318	127.0	168.3	210	29.0	8-Ø22
4"	100	356	157.2	200	255	32.2	8-Ø22
5"	125	400	185.7	235	280	35.4	8-Ø22
6"	150	444	215.9	269.9	320	37.0	12-Ø22
8"	200	533	269.9	330.2	380	41.7	12-Ø25
10"	250	622	324	387.4	445	48.1	16-Ø29
12"	300	711	381	450.8	520	51.3	16-Ø32
14"	350	838	413	514.4	585	54.4	20-Ø32
16"	400	864	470	571.5	650	57.6	20-Ø35
18"	450	978	533	628.6	710	60.8	24-Ø35
20"	500	1016	584	685.8	775	64.0	24-Ø35
24"	600	1346	692	812.8	915	70.3	24-Ø41

No.	PART	MATERIAL
1	Body	ASTM A351 CF8M
2	Disc	ASTM A351 CF8M
3	Pin	SS316
4	Nut	ASTM A194 8M
5	Washer	SS316
6	Hinge	ASTM A351 CF8M
7	Hinge pin	SS316
8	Bolt	ASTM A193 B8M
9	GasKet	SS 316+Graphite
10	Bonnet	ASTM A351 CF8M
11	Stud	ASTM A193 B8M
12	Nut	ASTM A194 8M
13	Eye Screw	S.S
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Test Pressure	Shell Test	7.5 MPa	
	Seal Test	5.5 MPa	
	Air Test	0.6 MPa	
	Suitable Temp.	-29 ~ 425 °C	
Standard	Face to Face	ASME B16.10	
	End Connection	ASME B16.5	
	Valve Design	ASME B16.34 & BS 1868	
	Valve Test	API 598	
Drawing No.	Date	Figure No.	Rev No.
CY	Sep 11, 2018	SSC-A3-SUS	003
Swing Check Valve, Class 300			
Unimech (Asia Pacific) Pty Ltd			

