



APPLICATION

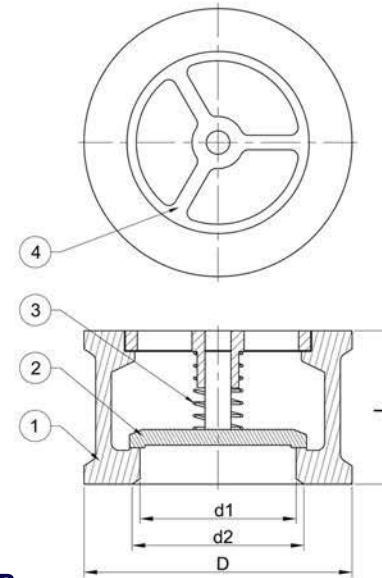
Suitable for water, steam, oil, gases and others non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face to Face Dimension	EN558-2 S52
End Connection	Wafer Type to suit ASME B16.5
Pressure Rating	Class 150, 300 and 600
Working Temperature	Up to 400°C
Test Pressure	According to API 598

MATERIALS

PARTS	FIG. 4SL2	FIG. 4SL6	FIG. 4SL7
1. Body	A216 WCB	A351 CF8	A351 CF8M
2. Disc	A351 CF8	A351 CF8	A351 CF8M
3. Spring	Inconel X750	Inconel X750	Inconel X750
4. Retainer	A351 CF8	A351 CF8	A351 CF8M



CHECK VALVE SPRING LOADED CARBON STEEL



FIG 4SL2

PRESSURE-TEMPERATURE RATINGS ACCORDING TO API STANDARD - A216 WCB

Pressure Rating	Temperature							
	50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
Class 150	19 Bar	18 Bar	16 Bar	14 Bar	12 Bar	10 Bar	8 Bar	6 Bar
Class 300	50 Bar	46 Bar	45 Bar	44 Bar	42 Bar	39 Bar	37 Bar	34 Bar
Class 600	100 Bar	93 Bar	90 Bar	88 Bar	83 Bar	76 Bar	74 Bar	69 Bar

DIMENSIONS (mm)

Size	inch	2	3	4	5	6	8	10	12
	mm	50	80	100	125	150	200	250	300
L		56	71	80	110	125	160	200	250
ØD (Class 150)		103	135	173	195	220	277	337	407
ØD (Class 300)		110	147	179	214	249	305	359	420
ØD (Class 600)		110	147	191	239	264	318	398	455
d1		48	76	95	110	127	165	214	258
d2		62	90	112	125	150	200	250	300

*The specifications are subject to change without further notice