



APPLICATION

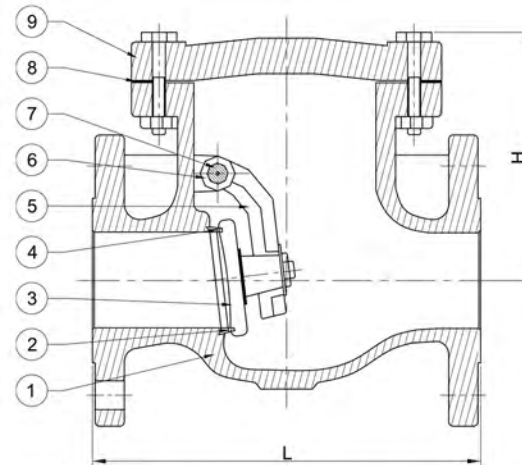
Suitable for crude oil, water, steam, gases and non-abrasive media (Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face to Face Dimension	ANSI B16.10
Standard Compliance	Conform to MSS SP-71, BS, DIN
End Connection	Flanged End to B16.5 ANSI 150, PN16, JIS10K
Pressure Rating	Class 125, maximum 175 PSI
Test Pressure (Hydrostatic)	Body - 300 PSI Seat - 200 PSI

MATERIALS

PARTS	FIG. 4S1
1. Body	Cast Iron ASTM A126B
2. Seat Ring	Stainless Steel 13%Cr.
3. Disc	Cast Iron ASTM A126B
4. Disc Ring	Stainless Steel 13%Cr.
5. Hinge	Cast Steel ASTM A216 WCB
6. Hinge Pin	Stainless Steel 13% Cr.
7. Plug	Ductile Iron ASTM A536
8. Bonnet Gasket	Graphite with Steel
9. Bonnet	Cast Iron ASTM A126B



CHECK VALVE SWING CAST IRON



FIG 4S1

PRESSURE-TEMPERATURE RATINGS ACC. MSS STANDARD PRACTICE SP-70, SP-71 AND SP-85

Pressure Rating	Temperature				
	60°C	120°C	160°C	200°C	230°C
Valve Size 1½" - 12"	14 Bar	12 Bar	10 Bar	9 Bar	8 Bar

DIMENSIONS (mm)

Size (inch)		1½	2	2½	3	4	5	6	8	10	12
PN16 ANSI 150	L	-	200	240	260	300	350	400	500	-	-
	H	-	165	185	200	220	250	285	340	-	-
	Weight (Kg)	-	13	18	25	33	52	75	121	-	-
JIS10K	L	190	192	192	217	245	289	296	397	500	540
	H	140	155	175	185	210	250	280	330	400	445
	Weight (Kg)	7	8	11	13	19	27	36	60	116	167

*The specifications are subject to change without further notice