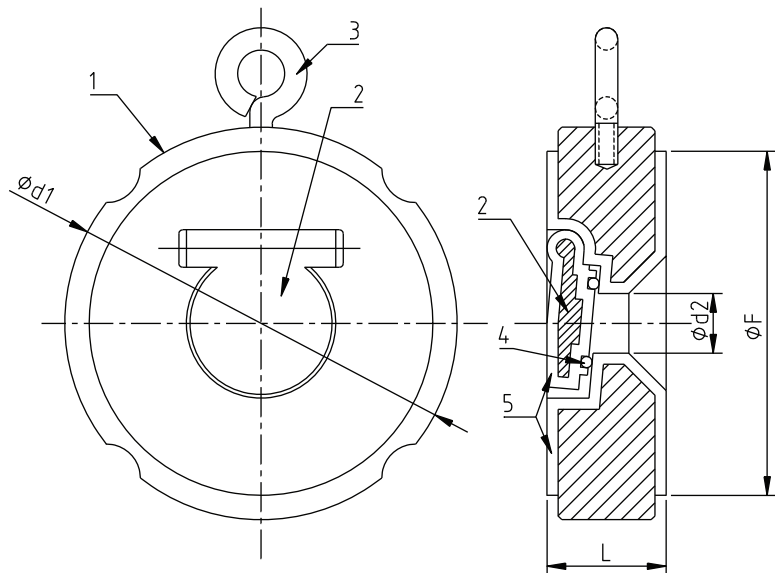


ITEM	LINED SWING CHECK VALVE	CODE	SCV-DI-PFA	FORM NO.	PPL-TS-SCV-CP-1A Rev-4 dt. 09/01/09
DESCRIPTION	Lined Swing Check valve sandwich type with molded lining.				
CUSTOMER		PROJECT			
CONSULTANT		REF. No :			
CUST. SPEC					



Part	Descr.	Material
1	Body	CARBON STEEL ☒ ASTM A36 ☐
2	Disc	CARBON STEEL ☒ ASTM A36 ☐
3	Eye Bolt	☒ CARBON STEEL ☐
4	O-Ring Seal	VITON
5	Lining	☒ PFA ☐
Suitable for Flange drilling		☒ ANSI B16.5 150# ☐ PN 10 / 16
Exterior Finish		☒ Epoxy Primerfinish paint ☐

Od1	Od2	OF	L	Lin Thk (min)	Service conditions			Testing			
						Design	Oper.				
2.95 (75)	0.32 (8)	2.00 (51)	0.79 (20)	0.12(3)	Press. (max.), bar			Hydro	Body	15	bar
3.54 (90)	0.63 (16)	2.87 (73)	1.81 (30)	0.12(3)	Temp. (max.), °C				Seat		bar
4.33 (110)	0.95 (24)	3.62 (92)	1.42 (36)	0.12(3)	Vac. (max.), mm Hg			Spark		15	KV
5.04 (128)	1.34 (34)	4.13 (105)	1.65 (42)	0.12(3)	Fluid				Vacuum		mm Hg
5.43 (138)	1.77 (45)	5.00 (127)	1.81 (46)	0.12(3)					Pneumatic		bar
7.09 (180)	2.64 (67)	6.18 (157)	2.05 (52)	0.12(3)	Notes : 1. All dimensions in mm. 2. Sketch shownabove illustrates only the general assembly and is not to scale. 3. Lining may not be suitable for vacuum service.						
9.06 (230)	4.25 (108)	8.50 (216)	2.20 (56)	0.12(3)							
11.54 (293)	6.14 (156)	10.63 (270)	2.36 (60)	0.12(3)							
13.78 (350)	7.24 (184)	12.76 (324)	2.68 (68)	0.12(3)							
16.54 (420)	9.13 (232)	15.00 (381)	3.07 (78)	0.12(3)							

COMMENTS:

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