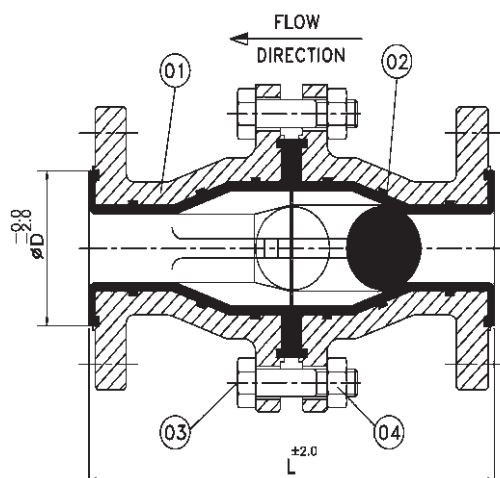




LINED CHECK VALVE (BALL TYPE)

Schematic Representation Only



Technical Specifications :

- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150 / DIN 2632 / 33 / BS 10 TABLE D, E, F
- Face to Face : ANSI B16.10 / DIN 3202 / BS EN 558-1&2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS 6755 (Part 1)

Dimensional Data :

	SIZE (NB)	L [@] (mm)	L1 (mm)
ANSI #150 FLANGED RF	15	140* [†]	190
	20		
	25	127 [†] / 140*	
	40	165	250
	50	178	330
	65	203* [†]	430
	80	203	430
	100	228	530
	150	267	675
	200	294	675

* As per BS EN 558 – 2 Table 6, Series-3.

[†] Testing in accordance with BS EN 12266-1(2003) Table A.3

Technical Information subject to change without notice

4	NUTS	M.S (ZINC PLATED)	4
3	BOLT	M.S (ZINC PLATED)	4
2	SOLID BALL	PTFE	1
1	BODY WITH LINING	Ductile Iron GGG40.3 / ASTM A216 Gr. WCB (FEP / PFA / ETFE LINED)	2
NO.	DESCRIPTION	MOC	QTY

† Standard Scope of Supply

Installation :

- When Installed Vertically (or upto 60° angle) check valve close automatically because of centre guided ball.
- When Installed Horizontally (90° to 60°), the valve close automatically if the back flow related to water is 1.5 — 2.5 m/sec.
- Full Bore when valve is opened. i.e. Low Pressure Drop condition.

Lining Material Options :

- PFA – ASTM D 3307, Type II
- FEP – ASTM D 2116, Type IV
- ETFE – ASTM D 3159, Type I, Gr. 1
- PVDF – ASTM D 3322

Salient Features :

- Extremely Effective in preventing backflow or back pressure in Vertical installation
- Full Size Port for maximum capacity
- Practically 100% Maintenance Free due to presence of single moving part
- Fully Lined Design to eliminate surface contact which gives maximum corrosion and contamination resistance

Test & Inspection Data :

- Hydraulic Test # : Body – 15 Kg/Cm²
Back Seat – 2 Kg/Cm²
- Spark Test : 15 K.V. D.C

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Optional Design / Components :

- Y TYPE BALL CHECK DESIGN
- HORIZONTAL INSTALLATION KIT
- HIGHER SIZES AVAILABLE ON REQUEST

Quality Valves you can rely on, Always.