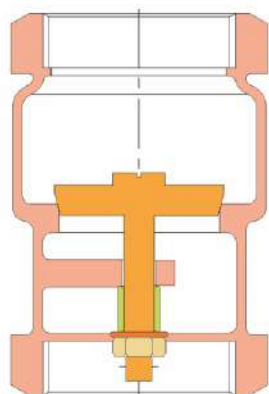


GUN METAL

VERTICAL CHECK VALVE



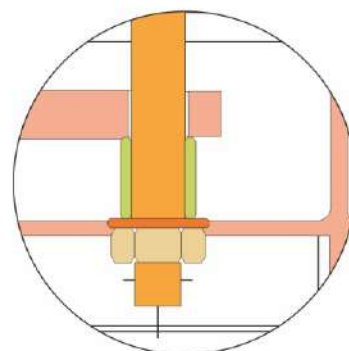
INCH.	MM	PER PC.
½"	15	Rs. 600/-
¾"	20	Rs. 800/-
1"	25	Rs. 1200/-
1¼"	32	Rs. 1800/-
1½"	40	Rs. 2400/-
2"	50	Rs. 3600/-
2½"	65	Rs. 5400/-
3"	80	Rs. 8800/-
4"	100	Rs. 16000/-
5"	125	Rs. 32000/-

- BODY 1
- NUT 2
- WASHER 3
- SPRING 4
- DISC 5



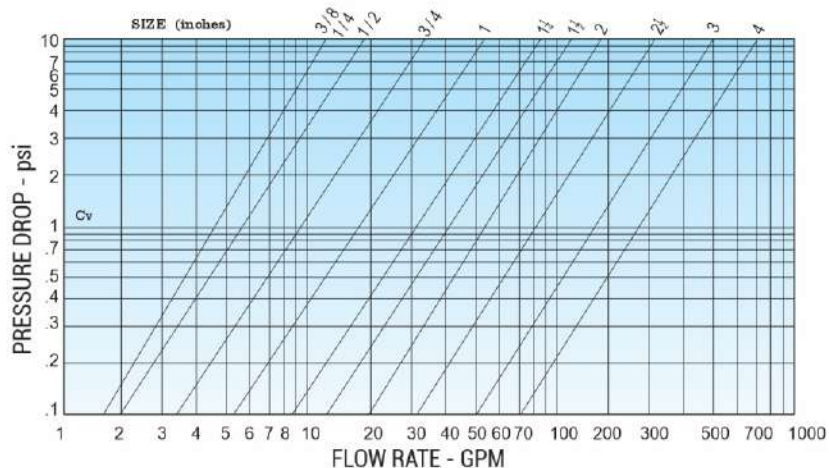
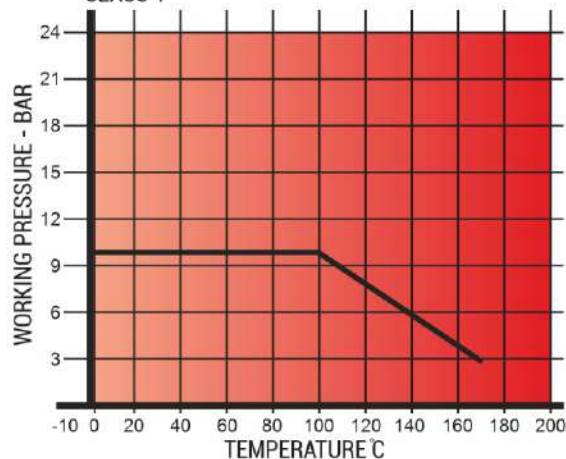
HSN CODE : 84818090

- Item Code: IS 03
- Pressure Rating: CL-2
- Testing Standard: IS 6157
- Size Range: 15mm to 100mm
- Product Standard: IS 778



PRESSURE/TEMPERATURE DIAGRAM

CLASS-I



PRINCIPAL FEATURES

- Design Std.: IS:778.
- Single piece design.
- Screwed female parallel threads to IS:554.
- Permits flow in one direction and closed automatically if the flow reverses.
- Spring loaded design allow installation in both horizontal and vertical pipe line.
- The design conceived for operation in upward flow only.
- Always install vertically with pressure below the seat and inlet end down.
- Disc is precisely guided at top and bottom, assuring accurate seating.
- Excellent choke for suction lines and general service.

END CONNECTION

- Screwed female threads IS:554 (Parallel).

UTILISATION & SERVICE

- "SHREE" Gun Metal Vertical Lift Check valves are suitable for above-ground & underground installations.
- Best suited for potable water, treated fresh water, neutral liquids, Air & some gases.

PRESSURE RATING: CL-1 & CL-2

TEST PRESSURE (Hydrostatic)

CLASS - 1	
BODY	SEAT
1.5 Mpa (217.5 psig)	1.0 Mpa (145 psig)

WORKING PRESSURE

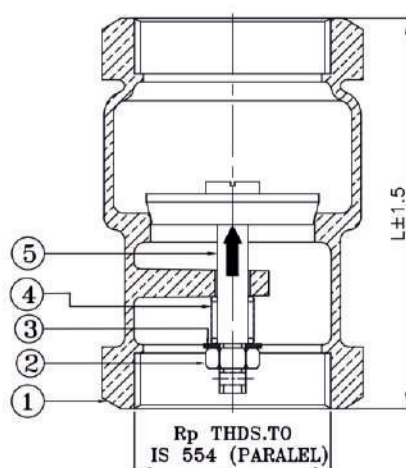
- Maximum Working Pressure: (Class-I) 10 Bar, (Class-II) 16 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS

- Maximum working temperature: 45°C.
- See Pressure / Temperature Diagram.

TEST PRESSURE (Hydrostatic)

CLASS - 2	
BODY	SEAT
2.4 Mpa (348 psig)	1.6 Mpa (232 psig)



SUITABLE FOR WATER

DIMENSION TABLE

SIZE (mm)	15	20	25	32	40	50	65	80	100
L	65	70	75	85	95	110	130	145	190
Rp	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Item Code	ISO25	ISO25	ISO25	ISO25	ISO25	ISO25	ISO25	ISO25	ISO25

MATERIAL SPECIFICATION

P.NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	LEADED TIN BRONZE	IS 318 Gr. LTB2
2	NUT	EXTRUDED BRASS	IS 319 (HALF HARD)
3	WASHER	BRASS	
4	SPRING	PH. BRONZE	IS 7608
5	DISC	GUN METAL/HIGH TENSILE BRASS	IS 318 Gr. LTB2/IS 6912 Gr.FHTB1

Note: The above data is subject to change without notice due to our continuing product improvement program.