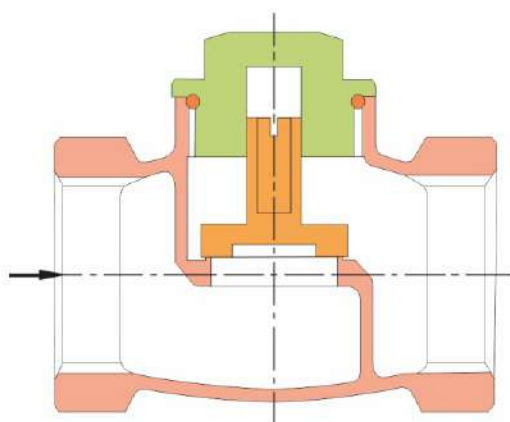


GUN METAL

HORIZONTAL LIFT CHECK VALVE



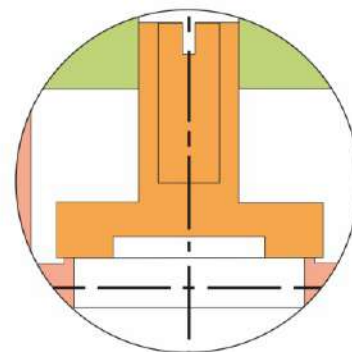
INCH.	MM	PER PC.
1/2"	15	Rs. 600/-
3/4"	20	Rs. 800/-
1"	25	Rs. 1200/-
1 1/4"	32	Rs. 1800/-
1 1/2"	40	Rs. 2400/-
2"	50	Rs. 3600/-
2 1/2"	65	Rs. 5400/-
3"	80	Rs. 8800/-
4"	100	Rs. 16000/-
5"	125	Rs. 32000/-

BODY 1	
COVER 2	
DISC 3	
'O' RING 4	

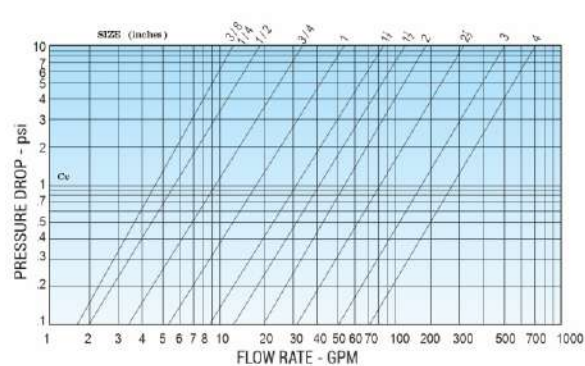
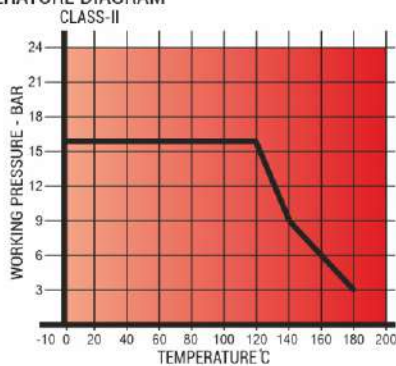
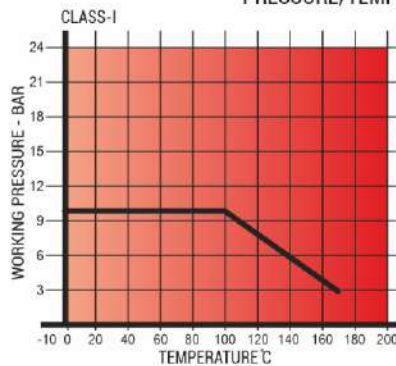
HSN CODE : 84818090



- Item Code: IS 021 & IS 023
- Pressure Rating: CL-1 & CL-2
- Testing Standard: IS 6157
- Size Range: 8mm to 100mm
- Product Standard: IS 778



PRESSURE/TEMPERATURE DIAGRAM



PRINCIPAL FEATURES

- Design Std.: IS:778.
- Screwed in cover, integral seat.
- Screwed female parallel threads to IS:554.
- Disc is guided in body as well as in cover.
- Permits flow in one direction and closed automatically if the flow reverses.
- Profiled contoured shape body for minimum pressure head loss.

END CONNECTION

- Screwed female threads IS:554 (Parallel).

UTILISATION & SERVICE

- "SHREE" Gun Metal Horizontal Lift Check valves are suitable for above-ground & underground installations.
- Suitable for installation in Horizontal pipe line.
Best suited for potable water, treated fresh water, neutral liquids.

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

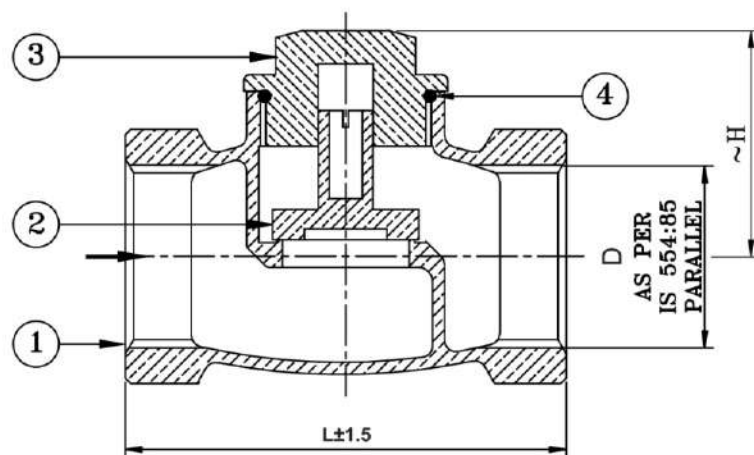
- Maximum Working Pressure: (Class-I) 10 Bar, (Class-II) 16 Bar.
- See Pressure / Temperature Diagram.

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)	8	10	15	20	25	32	40	50	65	80	100
L	47	50	60	70	80	95	110	125	160	180	216
~H	33	33	35	35	41	57	60	65	88	94	118
D	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
Item Code (CL-1)	Is021	IS021	IS021	IS021	IS021	IS021	IS021	IS021	IS021	IS021	IS021
Item Code (CL-2)	IS023	IS023	Is023	Is023	Is023	Is023	Is023	Is023	Is023	Is023	Is023

MATERIAL SPECIFICATION

P.NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	LEADED TIN BRONZE	IS 318 Gr. LTB2
2	COVER	LEADED TIN BRONZE / FORGED BRASS	IS 318 Gr. LTB2/IS 6912 Gr.FLB
3	DISC	LEADED TIN BRONZE / HIGH TENSILE BRASS	IS 318 Gr. LTB2/IS 6912 Gr.FHTB1
4	'O' RING	NITRILE RUBBER	

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