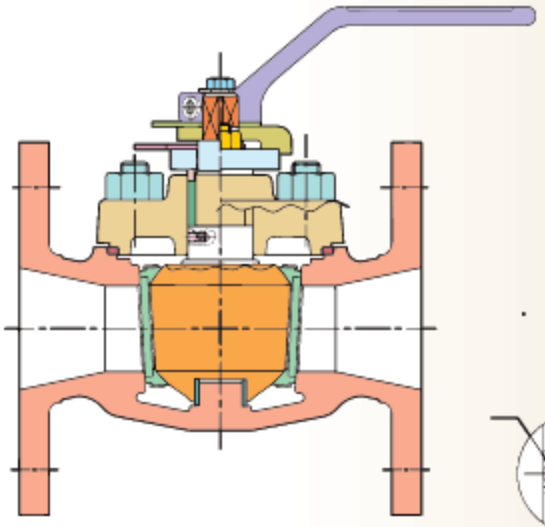
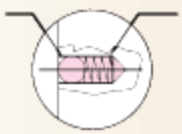
GUN METAL/BRONZE

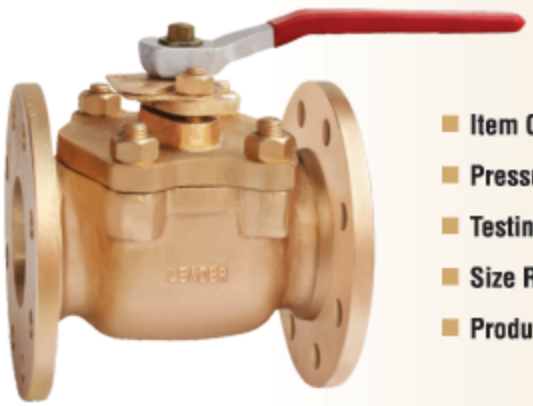
VENTURI PORT BALL VALVE



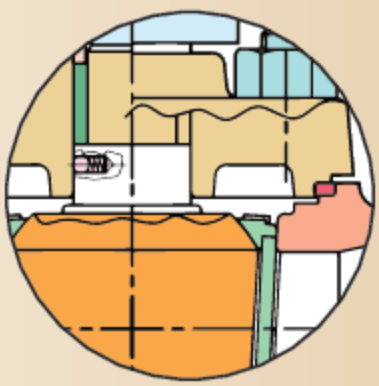
BONNET	11	BOLT	1
GASKET	12	WASHER	2
SEAT	13	HANDLE	3
BALL	14	UPPER LOCK PLATE	4
BODY	15	STOPPER	5
BUSHING	16	LOWER LOCKING PLATE	6
STUDS & NUTS	17	GLAND FLANGE	7
GLAND STUDS & NUTS	18	GLAND FOLLOWER	8
		GLAND PACKING	9
		ANTISTATIC DEVICE	10



ANTISTATIC DEVICE

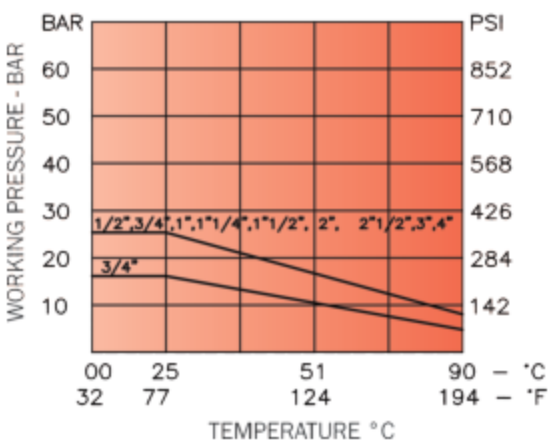


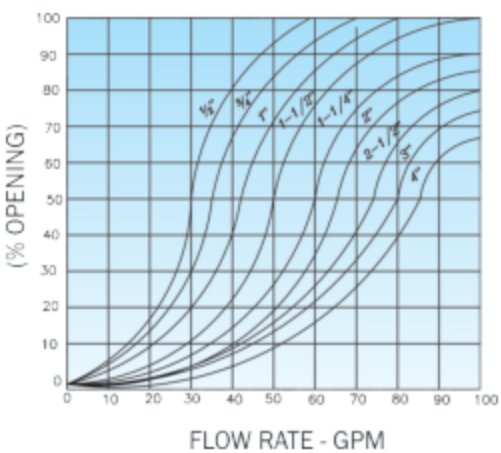
- **Item Code:** GM103
- **Pressure Rating:** CL-150
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 100mm
- **Product Standard:** Mfg. Standard



ANTISTATIC FEATURE

PRESSURE/TEMPERATURE DIAGRAM
(TESTED WITH WATER)





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

PRINCIPAL FEATURES:

- One Piece Design, Venturi Port.
- Quarter Turn, Lever Operated.
- Premium Quality Replaceable & Virgin Oil Free PTFE, Rings For Smooth Operation.
- Flanged Ends.
- Drains And Vents In Liquid, Gaseous, And Other Fluid Services.

SUITABLE FOR

Water	Oil	Air	Oxygen
✓		✓	✓

END CONNECTION:

- Flanges as per ASME 16.24 CL-150 F.F..

UTILISATION & SERVICE

- "LEADER" Gun Metal Venturi Port Ball Valve are Suitable Treated Fresh Water, Air, Oxygen.

WORKING PRESSURE

- Maximum Working Pressure: 20 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS

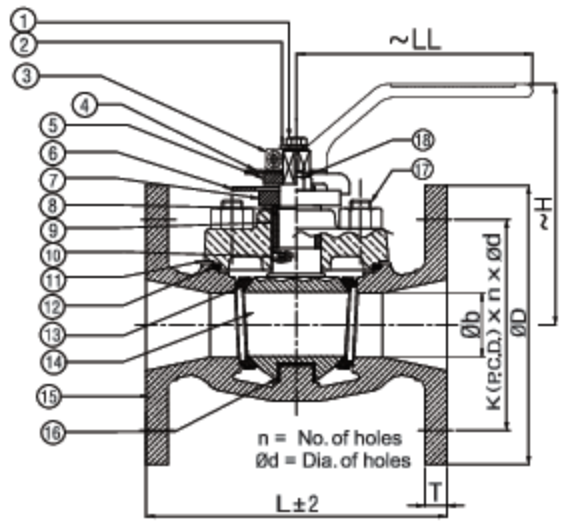
- Maximum Working Temperature:100°C.
- See Pressure / Temperature Diagram.

PRESSURE RATING: CL-150

TEST PRESSURE (Hydrostatic)	
BODY	SEAT
30 Bar	22 Bar

DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100
L	115	110	127	140	165	178	190	203	229
~H	92	92	113	123	125	143	150	151	195
~LL	120	120	131	139	139	140	203	203	250
ØD	90	100	100	115	125	150	180	190	230
Øb	11	14.5	20.6	26	31.7	38	50.8	60.3	78
T	7.9	8.6	9.7	10.4	11.2	12.7	14.2	15.7	17.5
K	60.3	69.9	79.4	88.9	98.4	120.7	139.7	152.4	190.5
n	4	4	4	4	4	4	4	4	8
Ød	15.9	15.9	15.9	15.9	15.9	19.1	19.1	19.1	19.1
Item Code	GM 103	GM 103	GM 103	GM 103	GM 103	GM 103	GM 103	GM 103	GM 103



MATERIAL SPECIFICATION

P. No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BOLT	AL. BRONZE	NES 862
2	WASHER	GUN METAL	BSEN 1982 Gr.CC491K
3	HANDLE	C.C.S. / C.S.S. (WITH PVC GRIP) / S.S.	ASTM A216 Gr. WCB / ASTM A351 CF8M / BS 970 SS 316 (FABRICATED)
4	UPPER LOCK PLATE	BRASS SHEET	IS 410
5	STOPPER	BRASS SHEET	IS 410
6	LOWER LOCKING PLATE	BRASS SHEET	IS 410
7	GLAND FLANGE	GUN METAL	BSEN 1982 Gr.CC491K
8	GLAND FOLLOWER	PH. BRONZE	BS 2874 PB 102
9	GLAND PACKING	PTFE	
10	ANTISTATIC DEVICE	STAINLESS STEEL	AISI 304
11	BONNET	GUN METAL	BSEN 1982 Gr. CC491K
12	GASKET	VITON B	
13	SEAT	PTFE REINFORCED WITH 90 / 10 CU,NI	
14	BALL	GUN METAL	BSEN 1982 Gr.CC491K
15	BODY	GUN METAL	BSEN 1982 Gr.CC491K
16	BUSHING	REINFORCED PTFE	
17	STUDS & NUTS	HIGH TENSILE BRASS	DIN EN 12165 GR. CW721R
18	GLAND STUDS & NUTS	HIGH TENSILE BRASS	DIN EN 12165 GR. CW721R

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