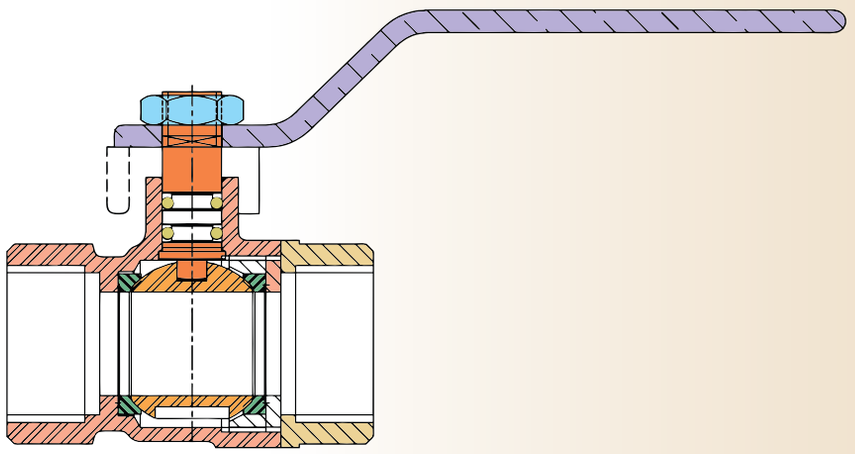
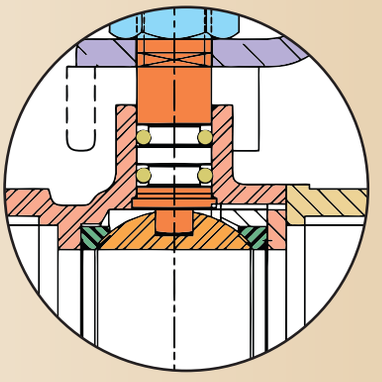
GUN METAL/BRONZE

FULL BORE BALL VALVE

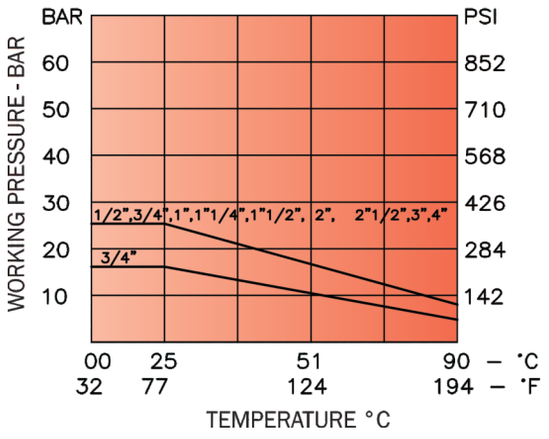


BODY	1
BALL	2
SEAT	3
END CONNECTOR	4
STEM	5
'O' RING	6
NUT	7
LEVER	8

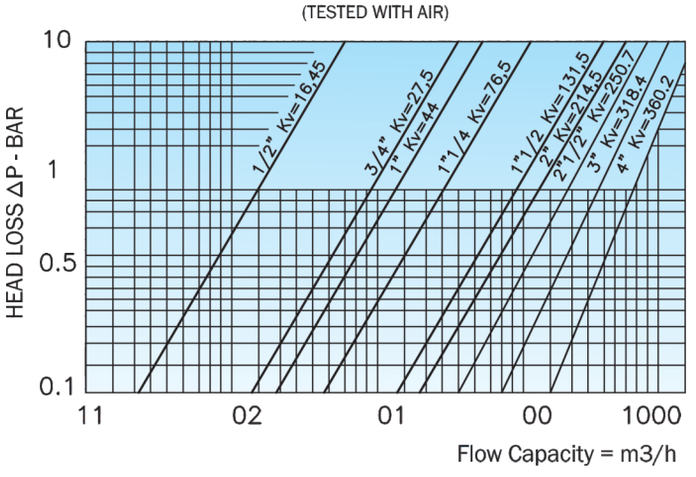
- **Item Code:** GM0132
- **Pressure Rating:** CL-150
- **Testing Standard:** BSEN 12266 PART-1
- **Size Range:** 15mm to 100mm
- **Product Standard:** Mfg. Standard



PRESSURE/TEMPERATURE DIAGRAM
(TESTED WITH WATER)



HEAD LOSS DIAGRAM
(TESTED WITH AIR)



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

PRINCIPAL FEATURES

- Screwed Female Ends to BS:21 / IS : 554.
- Full bore, Two Piece Design.
- Quarter Turn, lever operated with Low torque & stipulated leverage.
- Provided with Stainless Steel ball.
- Anti blow-out stem design feature which gives further assurance against the accidental blow-out of the stem.
- Premium quality PTFE seating.
- Extra strength of stem with high tensile brass.
- Gland less design, stem sealing by double seal O ring ensures zero leakage from the stem.
- Replaceable & virgin oil free PTFE Rings for smooth operation.
- Anti corrosive SS / Brass Stem Nut provided for trouble free operation of the Lever.
- Aluminium Lever avoids rusting of the lever in corrosive environment.
- Position indication of open / close embossed on the lever.

WORKING PRESSURE

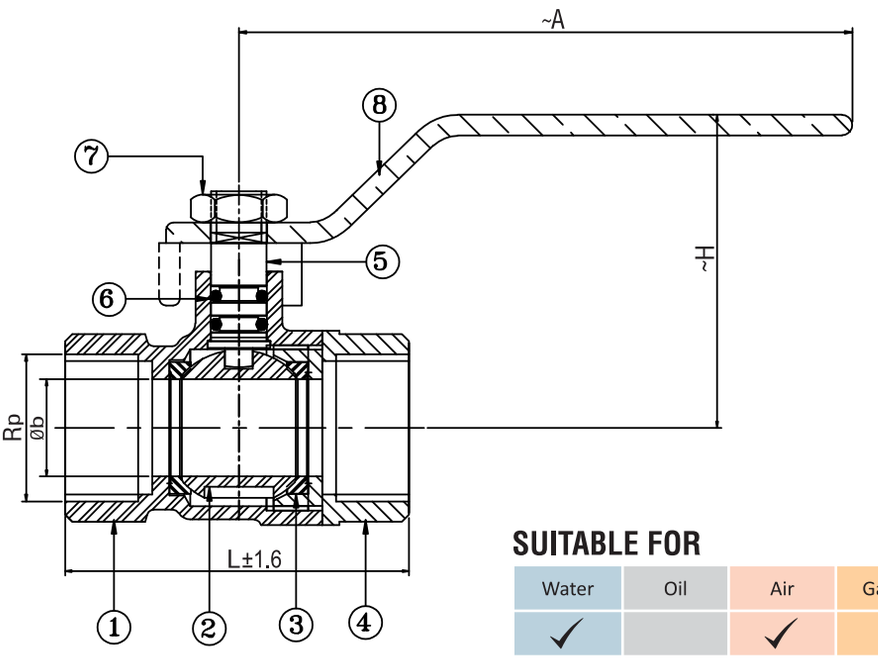
- Maximum Working Pressure: 20 Bar.
- See Pressure / Temperature Diagram.

TEMPERATURE LIMITS

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

PRESSURE RATING: CL-150

TEST PRESSURE	
BODY	SEAT
30 Bar	22 Bar



SUITABLE FOR

Water	Oil	Air	Gases
✓		✓	

END CONNECTION

- Screwed Female BSP Parallel Threads to BS:21.
- NPT threads are also available on request.

UTILISATION & SERVICE

- "LEADER" Gun Metal Ball Valve are suitable for treated fresh water & air.

DIMENSIONAL DATA

SIZE (mm)	15	20	25	32	40	50	65	80	100
L	57.5	60	73	81	88	105	140	162	207
Øb	14	18	23	30.5	37	49	62	74	100
Rp	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
~H	45	48	56	71	80	93	113	181	223
~A	84	84	131	154	154	154	220	315	480
Item Code	GM 0132	GM 0132	GM 0132	GM 0132	GM 0132	GM 0132	GM 0132	GM 0132	GM 0132

MATERIAL SPECIFICATION

P.No.	NAME OF PART	MATERIAL	SPECIFICATION
1	BODY	GUN METAL	BSEN 1982 Gr. CC491K
2	BALL	STAINLESS STEEL	TYPE 304
3	SEAT	PTFE	-----
4	END CONNECTOR	GUN METAL	BSEN 1982 Gr. CC491K
5	STEM	HIGH TENSILE BRASS	IS 6912 Gr. FHTB1
6	'O' RING	RUBBER	-----
7	NUT	BRASS	DIN EN 12165 CW 617N
8	LEVER	CARBON STEEL (POWDER COATED)	PVC INSULATED

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