

USMANI

TUBES & VALVES CO. PVT. LTD



TM

• Manufacturers of Industrial Valves



Full port two - pieces ball valve

- Stem is bottom loaded to prevent removal when valve is in service.
- Enables plant personnel to secure valve in open or closed position when manually operated.
- Made of 316 stainless steel (CF8M) for superior chemical resistance and longer service life.
- Improves dimensional control and reduces porosity.
- Actuators mounting pad.

Specification of three pieces ball valve

- Working Pressure: 1000PSI WOG And Class 800# PSIG
- Temperature Range : 20 - -232C
- Suitable medium: Water, Oil, Air and some corrosive liquid.
- Thread kinds : NPT, BSPT, BSP. Din 259/2999



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INVESTMENT CASTING

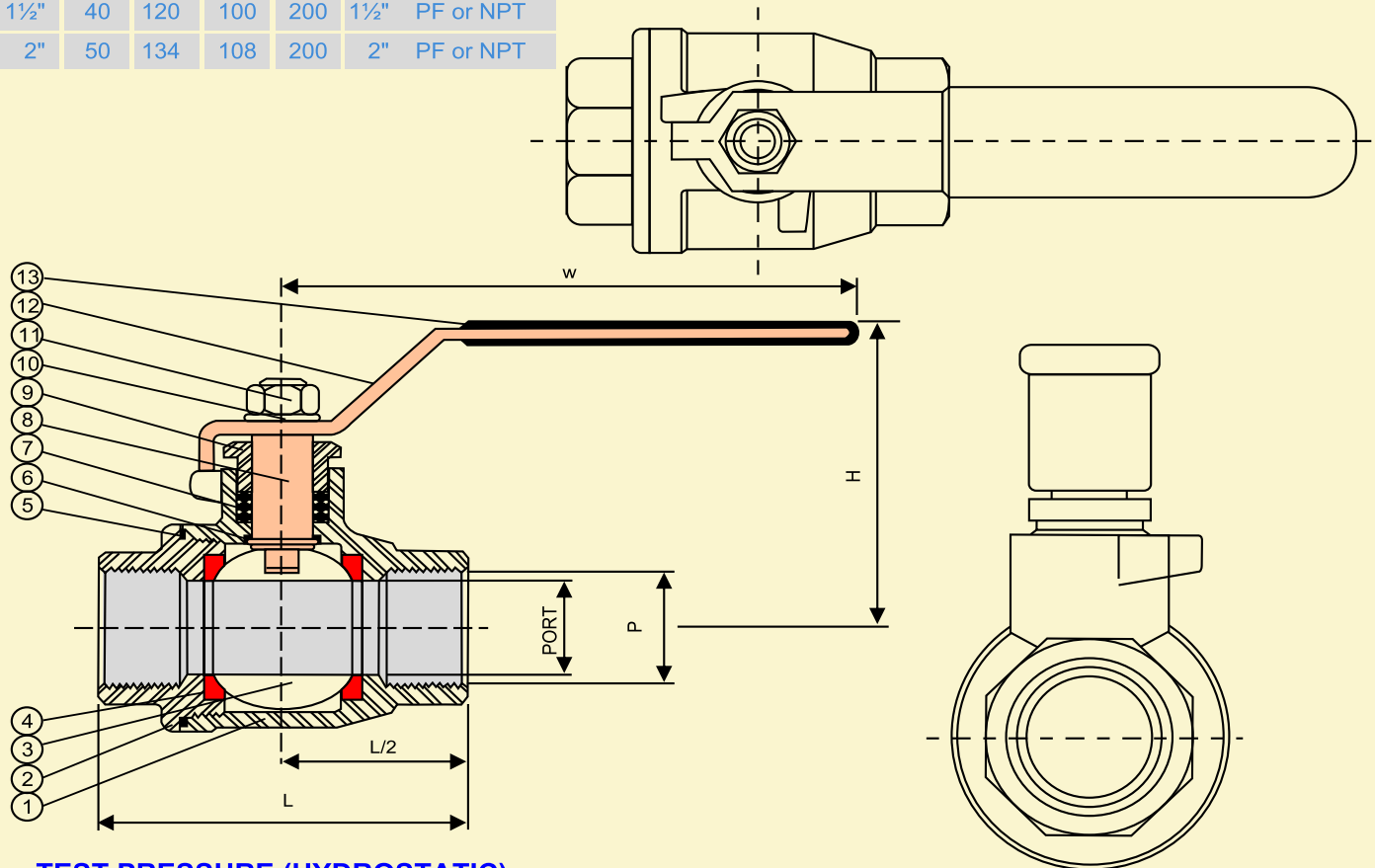
SS 2 PIECE DESIGN FULL BORE BALL VALVE
SCREWED END, SOCKET WELD END (1000WOG)

DIMENSIONS (MM)

SIZE	PORT	L	H	W	P
1/4"	10	54	45	98	1/4" PF or NPT
3/8"	12	54	45	98	3/8" PF or NPT
1/2"	16	68	62	125	1/2" PF or NPT
3/4"	20	76	65	125	3/4" PF or NPT
1"	25	88	83	140	1" PF or NPT
1 1/4"	32	98	89	140	1 1/4" PF or NPT
1 1/2"	40	120	100	200	1 1/2" PF or NPT
2"	50	134	108	200	2" PF or NPT

MATERIAL OF CONSTRUCTION

No.	DESCRIPTION	SPECIFICATION
1.	BODY	ASTM A - 351 GRADE CF 8M
2.	END CAP	ASTM A - 351 GRADE CF 8 M
3.	BALL	SS316
4.	SEAT RING	PTFE
5.	BODY SEAL	PTFE
6.	THRUST WASHER	PTFE
7.	STEM SEAL	SS316
8.	STEM	SS304
9.	GLAND NUT	SS304
10.	HANDLE WASHER	SS304
11.	HANDLE NUT	SS304
12.	HANDLE	SS304
13.	HANDLE COVER	PLASTIC



TEST PRESSURE (HYDROSTATIC)

Class	150 lbs	300 lbs
Body	450 PSIG or 31.5 Kg/cm ² g	1100 PSIG or 77 Kg/cm ² g
Seat	315 PSIG or 22 Kg/cm ² g	800 PSIG or 56 Kg/cm ² g

TEST PRESSURE (PNEUMATIC)

Class	150 lbs
Seat	80 PSIG or 5.5 Kg/cm ² g

REGISTERED OFFICE

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