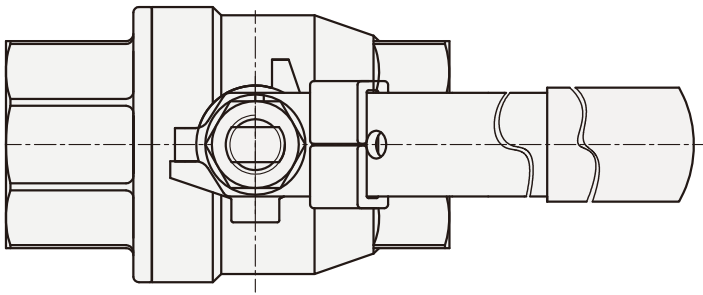


FEATURES:

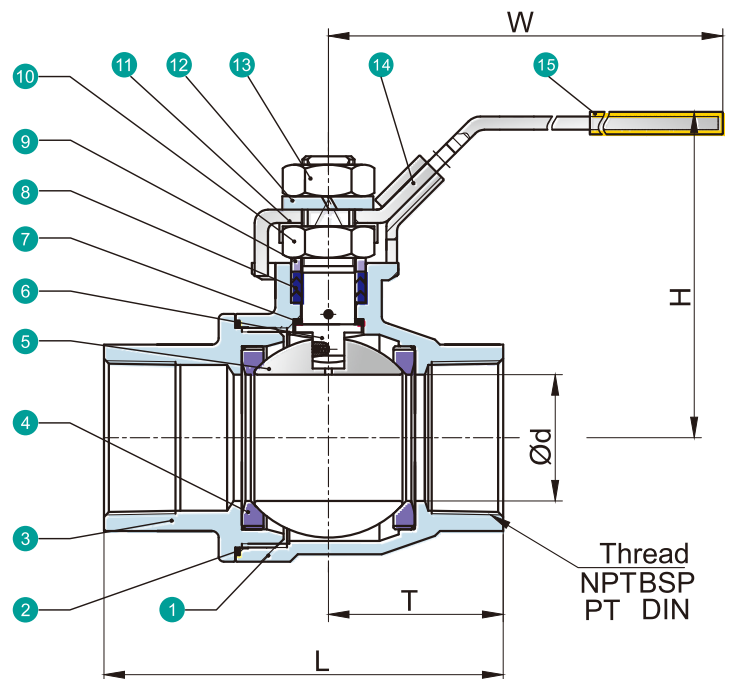
- Blow-out Proof Stem
- Ex Anti-static device for ball-stem-body
- Pressure Balance Hole in Ball Slot
- Full Port
- Various Thread Standards Available
- Casting Approved by TÜV AD 2000-Merkblatt W0

STANDARDS:

- Design : MSS SP-110
- Wall Thickness : EN 12516-3
- Pipe Thread : ASME B1.20.1, BS21
DIN 2999 / 259, ISO 228 / 1
JIS B 0203, ISO 7 / 1
- Inspection & Testing : MSS SP-110



NO.	PART NAME	MATERIALS		
1	Body	CF8M	CF8	WCB
2	Body Gasket	PTFE		
3	End Cap	CF8M	CF8	WCB
4	Ball Seat	TFM1600/PTFE		
5	Ball	CF8M	CF8	
6	Stem(Anti-Static Device)	316	304	
7	Thrust washer	PTFE		
8	Packing	PTFE		
9	Gland	316		
10	Stem Nut	A194-8		
11	Stop-lock-cap	304		
12	Stem Washer	304		
13	Handle Nut	A194-8		
14	Handle+Lock Device	304		
15	Handle Sleeve	Vinyl plastic		

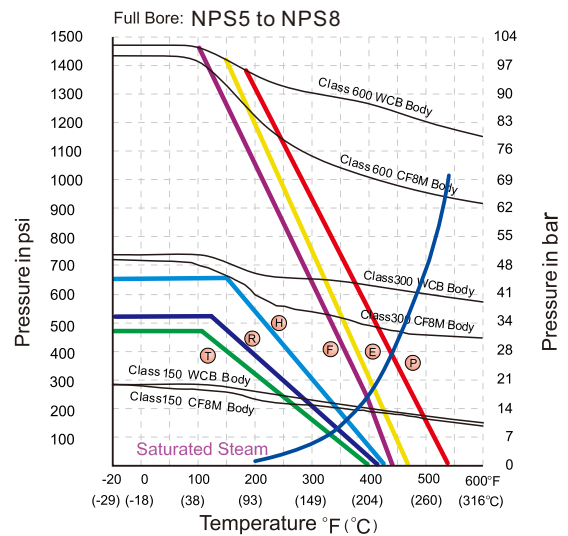
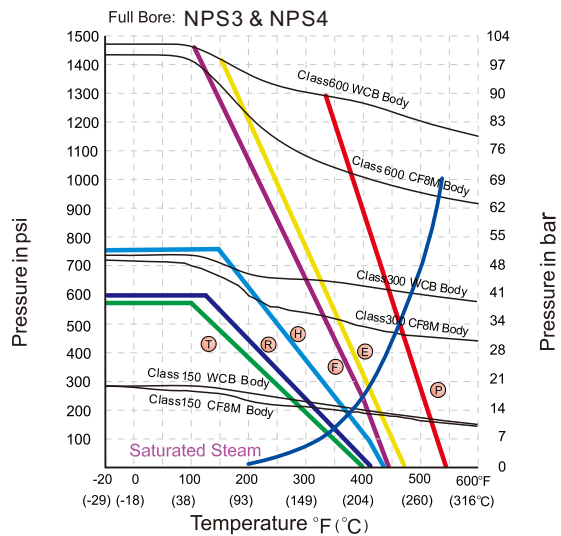
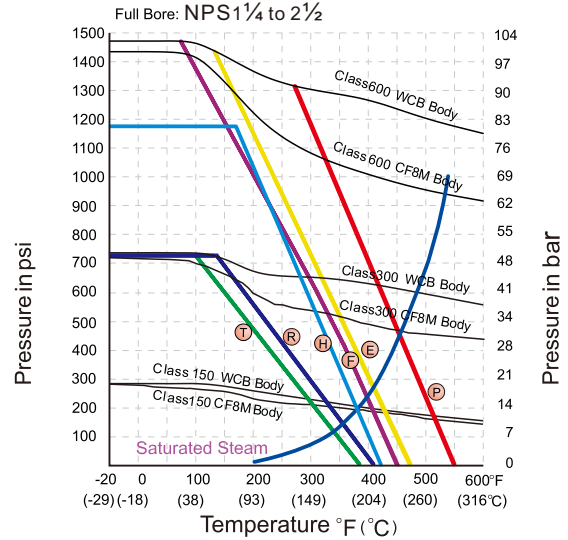
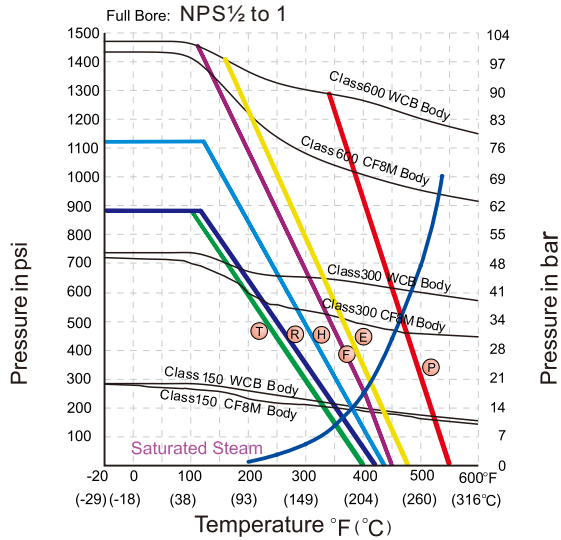


Unit: mm

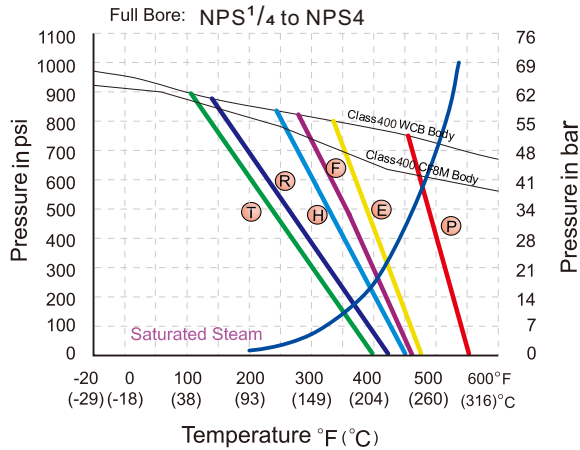
NPS	d	L	T	H	W	P	M	HEX.B	DN
1/4	10.6	58.0	26	59.0	100	5.0	5/6-18UNC	23.5	8
3/8	12.0	58.0	26	59.0	100	5.0	5/6-18UNC	23.5	10
1/2	15.0	75.0	29.2	59.0	100	5.0	5/6-18UNC	28.5	15
3/4	20.0	80.0	37.2	65.5	129	6.5	3/8-16UNC	34.5	20
1	25.0	90.0	42.5	78.8	156	8.0	7/16-14UNC	42.0	25
1 1/4	32.0	110.0	47	85.5	156	8.0	7/16-14UNC	52.0	32
1 1/2	38.0	120.0	52.5	98.0	183	10.0	5/8-11UNC	58.5	40
2	50.0	140.0	62.5	106.5	183	10.0	5/8-11UNC	71.5	50
2 1/2	63.5	185.0	77.55	130.0	252	12.0	3/4-10UNC	86.5	65
3	76.0	205.0	86.5	143.0	252	12.0	3/4-10UNC	102.0	80

The pressure-temperature data of ball valves is determined not only by valve shell materials but also by sealing materials used for ball seats, gland packings and flange gaskets.

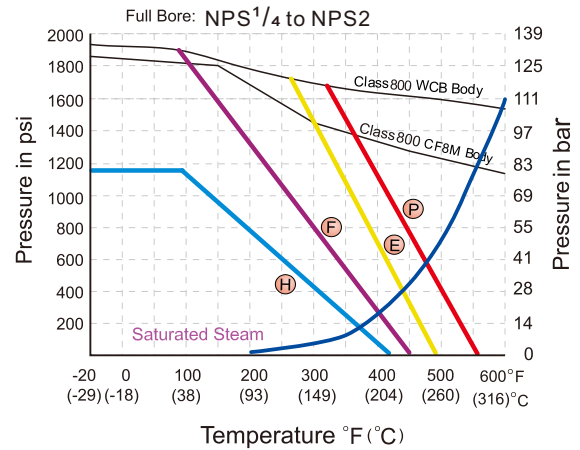
Floating Ball Valves, Class 150 / 300 / 600



Floating Ball Valves, 1000 PSI



Floating Ball Valves, 2000 PSI



Seat Materials: T=PTFE R=RTFE H=TFM1600 E=EK+PTFE P=PEEK F=TFM4215

"H" is the standard seat material for KI ball valves, except KV-010, 020 & 030 series.

The seat material of these types is PTFE.

Body Ratings: Shown above are for ASTM A351 Gr.CF8M and A216 Gr.WCB

For ratings of other valve shell materials, please refer to the last edition of ASME B16.34.