FEATURES

- Economical version
- Leak point reduction

APPLICATION

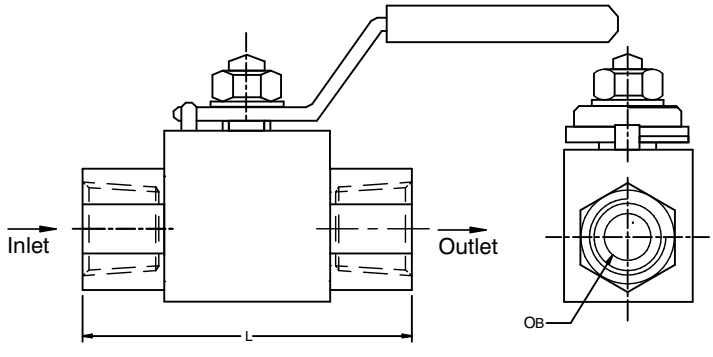
- Instrument isolation
- Liquid & gas services

Bolted Ball

STANDARD SPECIFICATIONS

Stem type	:	Bolted ball
Wetted parts	:	AISI 316 SS
Instrument connection	:	½" NPT (F)
Seats & Seals	:	PTFE
Process connection	:	½" NPT (F)
Stem	:	Single bonnet
Max. working pressure	:	206.85 bar (3000 psi)
Max. working temperature	:	240°C
Handle	:	CS plated with PVC sleeves

DIMENSIONAL DRAWING



Inlet & Outlet Connections	Max. Pressure Capacity			
	6000 PSI		10000 PSI	
	L	ØB	L	ØB
¼" (F x F)	58	6.4	65	6.4
3/8" (F x F)	60	8.5	68	8.5
½" (F x F)	75	11.5	80	11.5
¾" (F x F)	80	19	85	19
1" (F x F)	87	25	95	25
1¼" (F x F)	112	32	125	32
1½" (F x F)	120	38	135	38
2" (F x F)	130	50	150	50

All dimensions are in mm

ORDERING CODES

1. STEM TYPE

BB	Bolted ball

BB

2. WETTED PARTS

MB	Carbon Steel / ASTM A105
MC	AISI 304 SS
MF	AISI 316 SS
MG	AISI 316L SS
MM	Monel 400
MN	Monel K-500
MO	Hastelloy C-276

MF

4. INSTRUMENT CONNECTION

11N	1/8" NPT (M)
12N	¼" NPT (M)
13N	3/8" NPT (M)
14N	½" NPT (M)
11B	1/8" BSP (M)
12B	¼" BSP (M)
13B	3/8" BSP (M)
14B	½" BSP (M)
01N	1/8" NPT (F)
02N	¼" NPT (F)
03N	3/8" NPT (F)
04N	½" NPT (F)
01B	1/8" BSP (F)
02B	¼" BSP (F)
03B	3/8" BSP (F)
04B	½" BSP (F)

04N

5. STEM PACKING

P	PTFE
G	Grafoil

P

6. PROCESS CONNECTION

11N	1/8" NPT (M)
12N	¼" NPT (M)
13N	3/8" NPT (M)
14N	½" NPT (M)
11B	1/8" BSP (M)
12B	¼" BSP (M)
13B	3/8" BSP (M)
14B	½" BSP (M)
01N	1/8" NPT (F)
02N	¼" NPT (F)
03N	3/8" NPT (F)
04N	½" NPT (F)
01B	1/8" BSP (F)
02B	¼" BSP (F)
03B	3/8" BSP (F)
04B	½" BSP (F)

04N

7. OTHER OPTIONS

TN	Tested to NACE standards
TO	Certification for Oxygen service
TM	Material test certificate 2.2
TH	Hydro test certificate
TC	Material test certificate 3.1
XL	Marking by laser

XL

Ordering Example : V201-BB-MF-04N-P-04N-XL

NOTES:

1. Other connections are available, please contact factory for details.
2. Valve stem dust covers shall be identified with color codes according to their function as ; Blue = ISOLATE