

3-PC BALL VALVE THREAD END DIRECT MOUNTING PAD

Application: Water, Gas, Oil, Air

Size Range: 1/2"~4" (DN15~DN100)

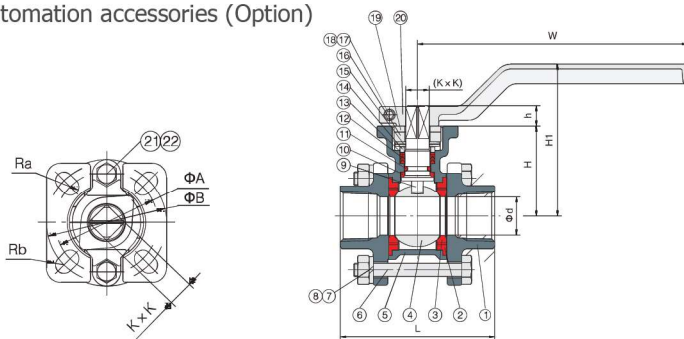


Design Standard

- Design: ASMR B1.20.2 (NPT/BSPT)
DIN 259/ DIN 2999, BS 21
ISO 288-1, ISO 7-1
- Face to face: DIN3239 part2
- Inspection & Testing: EN12266-1

Technical Features

- Full Port, 3Pcs
- Working Pressure: 1000WOG
(PN16/ PN25/ PN40/ PN 63)
- Working Temperature: -20 to 200°C
- Investment casting
- Blow-out proof stem
- Anti-static device (Option)
- Locking Device handle (Option)
- Automation accessories (Option)



Material List

No.	PARTS	MATERIAL		
1	BONNET	WCB	CF8	CF8M
2	GASKET	PTEE		
3	SEAT	PTFE		
4	BALL	CF8	CF8	CF8M
5	BODY	WCB	CF8	CF8M
6	BOLT	304		
7	SPRING WASHER	304		
8	NUT	304		
9	STEM	304	304	316
10	STEM WASHER	PTFE+25% GF		
11	O-RING	FPM		
12	PACKING	PTFE		
13	WEAR WASHER	PTFE+25% GF		
14	GLAND	304		
15	DISC SPRING	304		
16	GLAND FLANGE	CF8		
17	HEX SOCKET BOLT	304		
18	NUT	304		
19	STOPPER	304		
20	HANDLE	WCB/CF8		
21	BOLT	304		
22	NUT	304		

PERFORMANCE SPECIFICATION

Class		PN16	MPa
Test Pressure	SHEEL Test	2.4	
	SEAL Test	1.76	
	AIR Test	//	
Suitable Temp		≤-46~250 Deg C	

Thread/weld Ball Valve Series

Dimensions

Unit: mm

SIZE	d	L	H	h	KxK	A	B	Ra	Rb	W	H1	D	J	L1	D1	T	
1/4"	DN6	10	68	43	9	9X9	36	42	3.0	3.0	140	75	14.2	9.5	63	14.5	2.25
3/8"	DN10	12	68	43	9	9X9	36	42	3.0	3.0	140	75	17.6	9.5	63	17.5	2.75
1/2"	DN15	15	68.5	43	9	9X9	36	42	3.0	3.0	140	75	21.8	9.5	70	21.5	3.0
3/4"	DN20	20	79	47	9	9X9	36	42	3.0	3.0	140	79	27.2	12.5	90	27	3.0
1"	DN25	25	89	57	11	11X11	42	50	3.0	3.5	170	92	33.9	12.5	90	34	3.5
1-1/4"	DN32	32	100.5	63	11	11X11	42	50	3.0	3.5	170	98	42.7	12.5	104	42.5	3.7
1-1/2"	DN40	38	111	72	14	14X14	50	70	3.5	4.5	200	110	48.8	12.5	116	48.5	4
2"	DN50	50	129	80	14	14X14	50	70	3.5	4.5	200	118	61.2	16	138	60.5	4
2-1/2"	DN65	65	169.5	98	17	17X17	70	102	4.5	5.5	300	142	73.9	16	182	74	4.5
3"	DN80	80	191	110	17	17X17	70	102	4.5	5.5	300	154	89.8	16	203	90	5
4"	DN100	100	242	132	17	17X17	70	102	4.5	5.5	300	115.2	19	252	114.5	6	