One Piece Wafer type Flanged Ball Valve, Full Bore, ISO 5211 Direct Mounting, PN16

MODENTIC

Fig No. MD-57D Full Bore

1/2" ~ 4" DN15 ~ DN100

Feature :

Investment Casting Component
ISO 5211 direct mounting
Blow-out-proof stem, Anti-Static Design
For General Chemical and Industrial application
Carbon steel or Super Alloy upon request

Standard Compliance:

Body wall thickness : EN 12516-1/3
Face to Face : MFG's standard
Flange Dimension : EN 1092-1 PN 16
Body Material : EN 10213-4
Pressure testing : EN12266

Standard Compliance:

End connection : Flange RF
Working pressure : 15.5 Bar (CWP)
Temperature : -20 ~ 180^{O}C

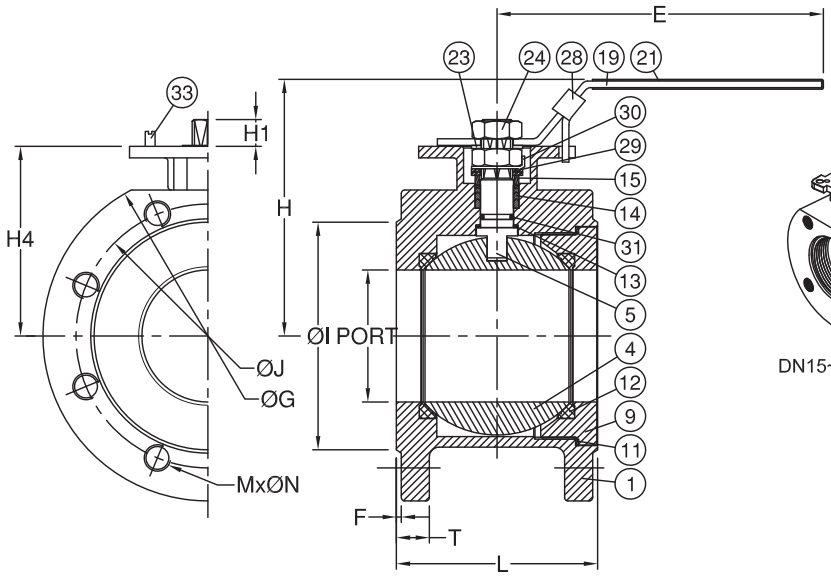
MATERIALS LIST

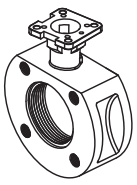
NO.	PART NAME	MATERIAL
1	BODY	1.4408 / EN1503-1
4	BALL	CF8M / EN1503-2
5	STEM	SS316
9	INSERT CAP	1.4408 / EN1503-1
11	BODY SEAL	PTFE.
12	SEAT	RTFE
13	THRUST WASHER	PTFE.
14	STEM PACKING	PTFE.
15	GLAND BUSHING	SS304
19	HANDLE	SS304
21	HANDLE COVER	PLASTIC
23	HANDLE WASHER	SS304
24	HANDLE NUT	SS304
28	LOCKING PAD	SS304
29	BELLEVILLE WASHER	SS301
30	TAB WASHER	SS304
31	STEM O-RING	VITON
33	STOP PIN	SS304

DIMENSIONS

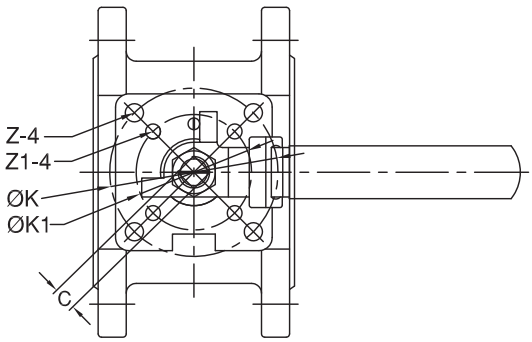
unit:mm

SIZE	PORT	L	E	H	H1	H4	C	ØG	ØJ	ØI	T	F	MxØN	ØK	ØK1	Z-4	Z1-4
DN15	1/2"	15	43.0	112	85	8.50	50.5	9.0	95	65	45		2	4xM12-P1.75	36		6	
DN20	3/4"	20	44.0	112	90	8.50	57	9.0	105	75	58		2	4xM12-P1.75	36		6	
DN25	1"	25	51.0	136	102	10.5	62	9.0	115	85	68		2	4xM12-P1.75	50	36	7	6
DN32	1¼"	32	56.0	185	112	11.4	71.5	9.0	140	100	78	18.0	2	4xM16-P2.0	50	36	7	6
DN40	1½"	38	65.0	198	118	14.0	86	14.0	150	110	88	18.0	3	4xM16-P2.0	70	50	9	7
DN50	2"	50	80.0	198	126	13.7	93	14.0	165	125	102	20.0	3	4xM16-P2.0	70	50	9	7
DN65	2½"	64	102.0	267	150	18.0	105	17.0	185	145	122	18.0	3	4xM16-P2.0	102	70	11	9
DN80	3"	76.5	122.0	267	160	18.0	115	17.0	200	160	138	20.0	3	8xM16-P2.0	102	70	11	9
DN100	4"	97.0	153.0	322	196	18.0	132	17.0	220	180	158	20.0	3	8xM16-P2.0	102	70	11	9





DN15~DN25 BODY



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