

**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° 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**

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	6		
DN20	3/4"	20	44.0	112	90	8.50	57	9.0	105	75	58	2	4xM12-P1.75	36	6	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	1 1/4"	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	1 1/2"	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	2 1/2"	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

unit:mm

