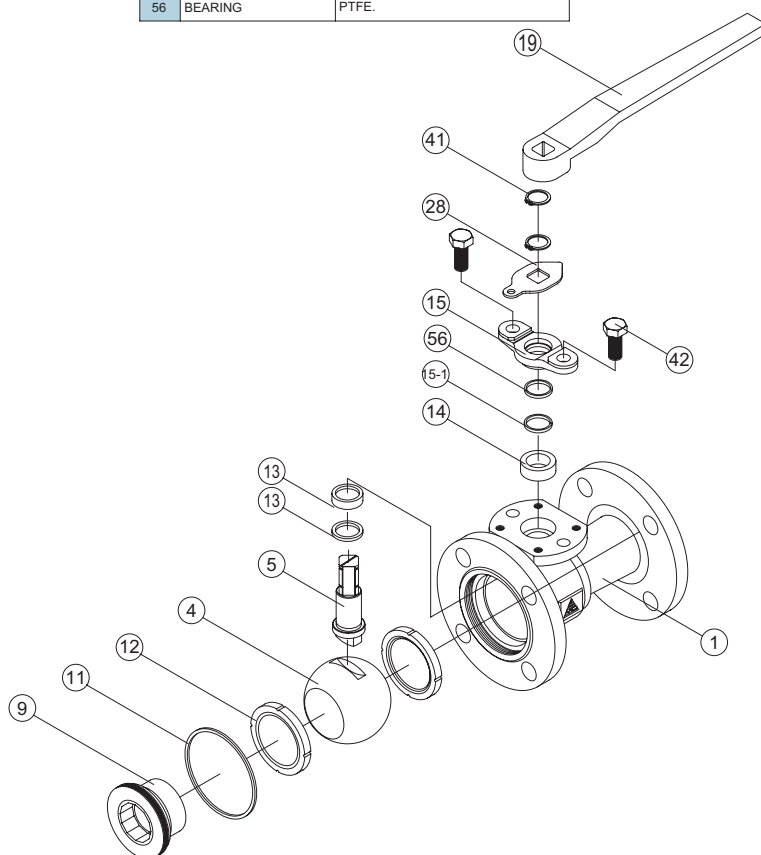


Fig No:MD-51FS Reduced Bore
1/2" - 6" DN15 ~ DN150



MATERIALS LIST

NO.	PART NAME	MATERIAL
1	BODY	ASTM A351 Gr. CF8M
4	BALL	ASTM A351 Gr. CF8M
5	STEM	ASTM A276 Gr. 316
9	END CAP	ASTM A351 Gr. CF8M
11	BODY SEAL	SS316+SPIRAL WOUND GRAFOIL
12	SEAT	RTFE.(PTFE.+15% G.F.)
13	THRUST WASHER	PTFE.+GRAFOIL
14	STEM PACKING	GRAFOIL
15-1	GLAND WASHER	PTFE.
15	GLAND	ASTM A276 Gr. 304
19	HANDLE	FCD45
28	STOP PLATE	ASTM A276 Gr. 304
35	BOLT	ASTM A276 Gr. 304
41	SNAP RING	ASTM A276 Gr. 304
56	BEARING	PTFE.



Features:

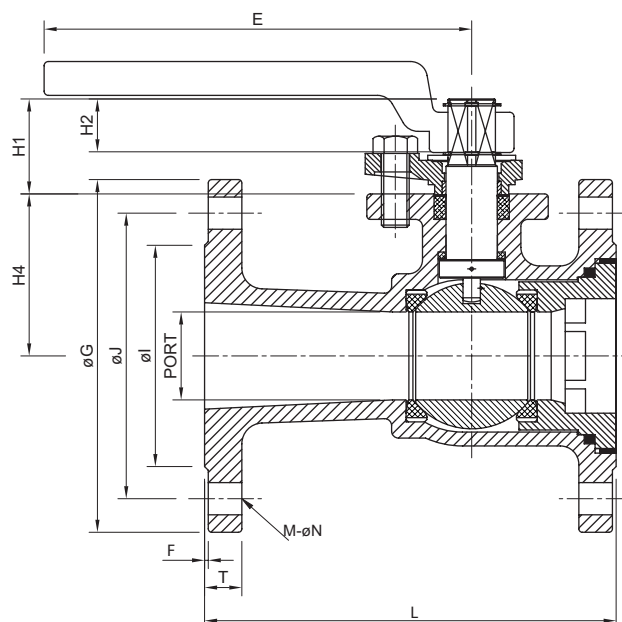
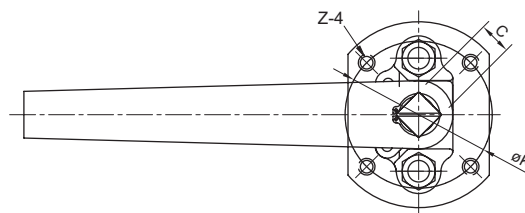
- **Certified To API 607 4th Edition.**
- Investment Cast Components.
- Blow-Out-Proof Stem Design, Antistatic Device.
- Two Position Locking Device.
- Four Point ISO 5211 Mounting Pad Bolt Circle.
- Cast Bosses For Bleed / Drain Port.
- Available Carbon Or Stainless Body Construction.

Standards Compliance:

ASME B16.34 API 607 MSS-SP-55
ANSI B16.10 MSS-SP-61
ANSI B16.5 API 598 MSS-SP-72

Specifications:

- Temperature range: -4 to 356°F (-20 to 180°C).
- 150 psig saturated steam.
- Face To Face:ANSI B16.10 Class 150
- Flange:ANSI B16.5 Class 150 Flanged Fitting



DIMENSIONS

unit : mm

SIZE	PORT	L	E	H1	H2	H4	C	ØG	ØJ	ØI	T	F	M-ØN	ØK	Z
1/2"	12.5	108.0	130.8	17.5	8.5	27.5	9.0	88.9	60.5	35.1	11.2	1.5	Ø15.7-4	42.0	1/4"-20
3/4"	16.0	117.4	130.8	17.5	8.5	29.7	9.0	98.6	69.9	42.9	11.2	1.5	Ø15.7-4	42.0	1/4"-20
1"	20.0	127.0	130.8	22.4	11.4	45.7	10.9	108.0	79.2	50.8	11.2	1.5	Ø15.7-4	50.0	1/4"-20
1-1/2"	31.8	165.1	164.8	25.4	15.5	57.4	14.0	127.0	98.6	73.2	14.2	1.5	Ø15.7-4	50.0	1/4"-20
2"	38.1	177.8	201.9	38.6	21.6	70.1	17.0	152.4	120.7	91.9	15.7	1.5	Ø19.1-4	70.1	5/16"-18
2-1/2"	50.8	190.5	201.9	38.6	21.6	78.2	17.0	177.8	139.7	104.6	17.5	1.5	Ø19.1-4	70.1	5/16"-18
3"	63.5	203.2	328.4	59.7	32.0	95.0	22.1	190.5	152.4	127.0	19.1	1.5	Ø19.1-4	102.1	3/8"-16
4"	82.6	228.6	328.4	61.0	33.5	118.6	22.1	228.6	190.5	157.2	23.9	1.5	Ø19.1-8	102.1	3/8"-16
6"	114.3	266.7	752.3	74.9	45.5	155.7	26.9	279.4	241.3	215.9	25.4	1.5	Ø22.4-8	125.0	1/2"-13