



Model: TC-311MF

Rating: 1000 CWP

Design feature:

- Applications for Hydraulic, Chemical, Steam, Oil/ Gas, Oxygen, Vacuum.
- Three- Piece Swing-Out In-Line Maintenance Design.
- Integral ISO 5211 mounting pad easy for automation.
- Thrust washer prevents galling, reduces torque and provides secondary stem seal.
- Long cycle life, Low uniform torques.
- Adjustable stem packing gland nut.
- Double D Stem Head Design Provides Mounting Of The Lever.
- Bottom Entry Blow-Out Proof Stem design Provides Maximum Safety.
- Lock device is available.
- Oval handle is option.
- End Connections: Female threaded, Butt-weld, Socket-Weld.
- Investment cast body construction.
- DIN 50049-3.1 Certificate Available

Standard:

- Female pipe Threaded to NPT, DIN 259/2999, BS21..
- Inspection & testing according to API 598.
- ISO 5211/ DIN 3337 mounting pad
- PED 97/23/EC; ISO 9001

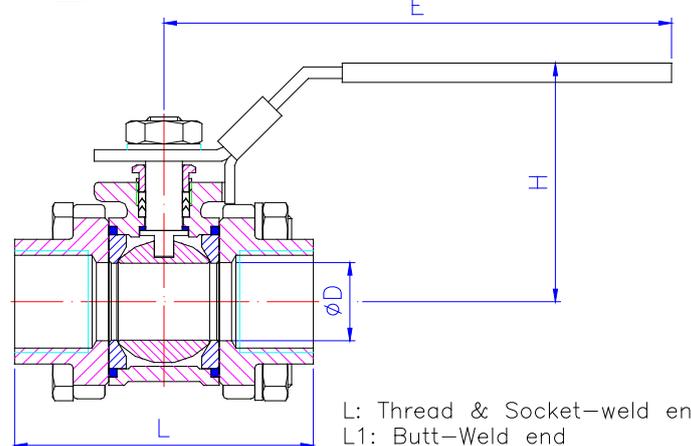
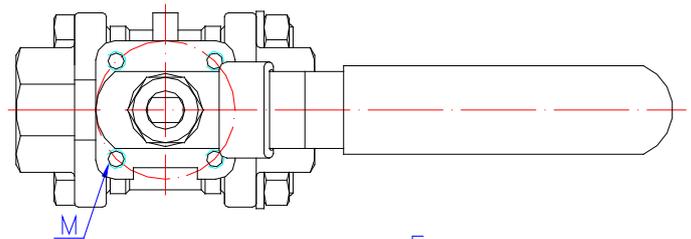
Specifications:

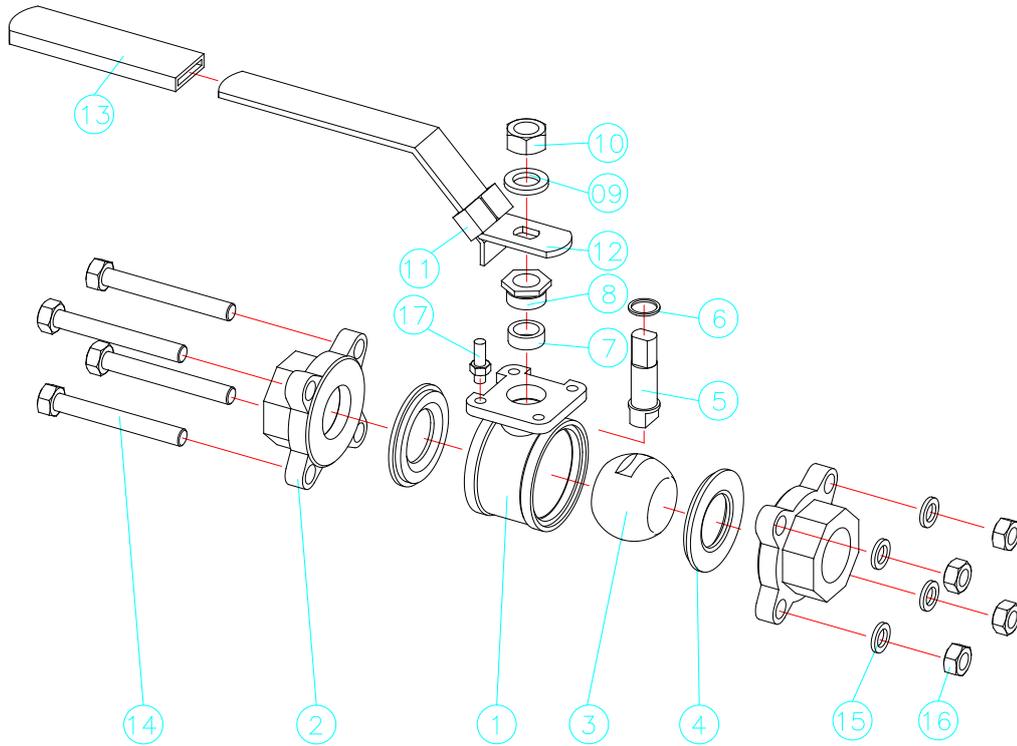
- Construction: Three- Piece bolted connect ion end-entry floating ball design.
- Flow bore: Full port.
- Rating: 1000 PSI; 150 PSI Saturated Steam.
- Temperature: -20°F ~ 400°F (PTFE/ R.PTFE)
- Materials: ASTM CF8M,CF8, WCB
- Size range: 1/4"~4".

Dimensions List:

Torque: T(N-M)

Size	D	L	L1	E	H	M	ISO	T	Cv	W(Kg)
1/4"	11.6	58	70	102	55	M5	F03	4.2	6	0.41
3/8"	12.7	58	70	102	55	M5	F03	4.2	7	0.35
1/2"	15	63	75	123	65	M5	F03	7.0	10	0.55
3/4"	20	73	90	123	67	M5	F03	9.0	25	0.70
1"	25	85	100	153	79	M5	F04	12.4	35	1.02
1-1/4"	32	96	110	153	84	M5	F04	15	46	1.57
1-1/2"	38	114	125	183	92	M6	F05	20	80	2.31
2"	50	134	150	183	99	M6	F05	30	110	3.42
2-1/2"	65	180	190	246	136	M8	F07	42	310	9.15
3"	80	200	220	246	146	M8	F07	65	360	12.78
4"	100	228	270	350	168	M8	F07	100	820	19.60





MATERIALS LIST:

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	CF8M/ CF8/ WCB	11	LOCKING DEVICE	SS304
2	END CAP	CF8M/ CF8/ WCB	12	HANDLE	SS304
3	SOLID BALL	CF8M/ CF8	13	HANDLE SLEEVE	VINYL
4	BALL SEAT	PTFE	14	BOLT	SS304
5	STEM	SS316	15	WASHER	SS304
6	THRUST WASHER	PTFE	16	NUT	SS304
7	STEM PACKING	PTFE	17	Stop BOLT	SS304
8	GLAND NUT	SS304	18		SS304
9	WASHER	SS304	19		
10	HANDLE NUT	SS304	20		