

TWO-PIECE 2000 W.O.G THREADED END BALL VALVE

Model : Series 21-2000WOG Full Port

Design feature:

- Applications for Hydraulic, Chemical, Steam, Oil/ Gas, Oxygen, Vacuum.
- Integral 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 handle is available.
- Oval handle is option.
- Investment cast body construction.
- din EN10204-3.1 Certificate is Available

Specifications:

- Construction: Two-piece screw in side-entry floating ball design.
- Flow bore: Full port.
- Rating: 2000 PSI; 150 PSI Saturated Steam.
- Temperature: -20°F ~ 400°F (R.PTFE)
- Materials: ASTM CF8M, CF8, WCB
- Size range: 1/4"~2".

Standard:

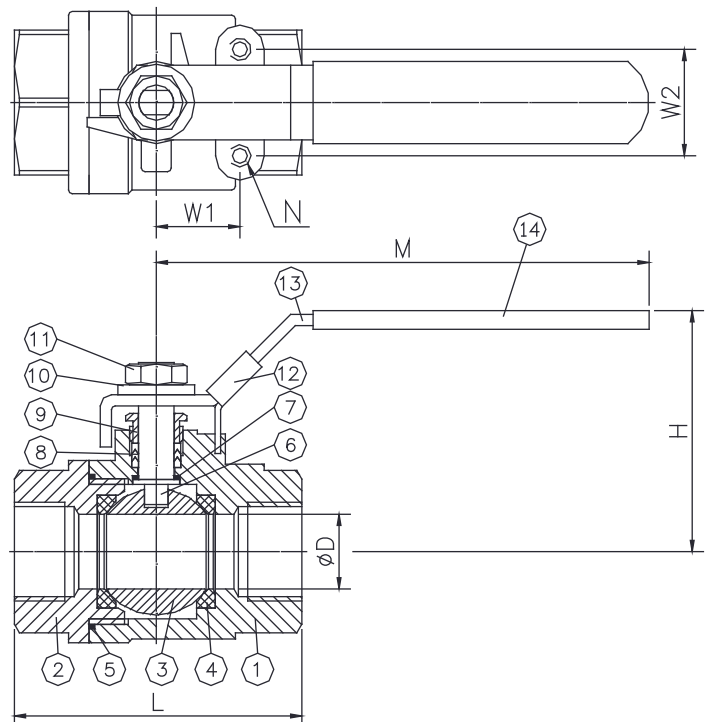
- Female pipe Threaded to NPT, DIN 259/2999, BS21..
- Inspection & testing according to API 598.
- PED 97/23/EC; ISO 9001

Materials List:

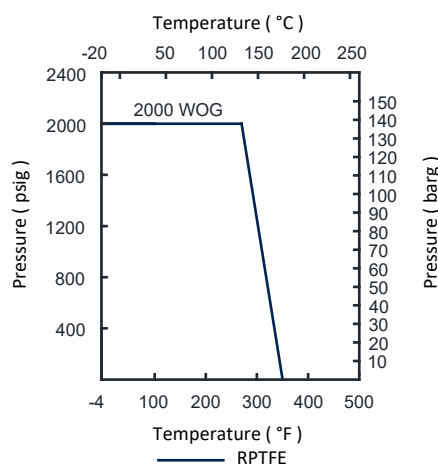
NO	PART NAME	MATERIAL
1	BODY	ASTM A351 CF8M / ASTM A216 WCB
2	END CAP	ASTM A351 CF8M / ASTM A216 WCB
3	SOLID BALL	ASTM A351 CF8M
4	BALL SEAT	R.PTFE
5	BODY SEAL	PTFE
6	STEM	SS316
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	GLAND NUT	SS304
10	HANDLE WASHER	SS304
11	HANDLE NUT	SS304
12	LOCKING DEVICE	SS304
13	HANDLE	SS304
14	HANDLE SLEEVE	VINYL

Dimensions (mm):

INCH	D	L	H	M	W1	W2	N
1/4"	11	59.5	57	103	12.7	28.5	M5x0.8P/ 3/16-24UNC
3/8"	12.5	59.8	57	103	12.7	28.5	M5x0.8P/ 3/16-24UNC
1/2"	15	64.5	57.6	103	12.7	28.5	M5x0.8P/ 3/16-24UNC
3/4"	20	77	68.5	140	22.4	35	M6x1.0P/ 3/16-24UNC
1"	25	90.5	72.7	140	22.4	35	M6x1.0P/ 3/16-24UNC
1-1/4"	32	99.5	87.7	156	25.4	38.1	M6x1.0P/ 3/16-24UNC
1-1/2"	40	118	93	193	25.4	38.1	M6x1.0P/ 3/16-24UNC
2"	50.8	136.5	104.3	193	25.4	38.1	M6x1.0P/ 3/16-24UNC



Valve Body Rating with Seat Material Plot :



Due to continuous development of the products, DIE ERSTE reserves the right to alter the dimension and information contained in the document as required without notice. For specific performance data and proper material selection, please consult with your DIE ERSTE representatives.

DIE ERSTE INDUSTRY CO., LTD. is an ISO 9001:2015 DIE ERSTE GROUP registered company with operations in Taiwan and China.