



Two-Piece 2000 W.O.G Threaded End Ball valve

Model: ED-221F

Rating: 2000 CWP



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

Dimension List :

Size	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

Materials Specification:

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

