

DIE ERSTE INDUSTRY CO., LTD.

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

Model: Series 21-2000WOG Regular 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.
- Tapped & drilled pad is option.
- Investment cast body construction.
- din EN10204-3.1 Certificate Available



Specifications:

- Construction: Two-piece screw in side-entry floating ball design.
- Flow bore: Regular port.
- Body Rating: 1/4"~1":2000 PSI; 1-1/4"~2":1500 PSI; 150 PSI Saturated Steam.
- Temperature: -20°F ~ 400°F (R.PTFE)
- Materials: ASTM CF8M, CF8, WCB
- Size range: 1/4"~2".

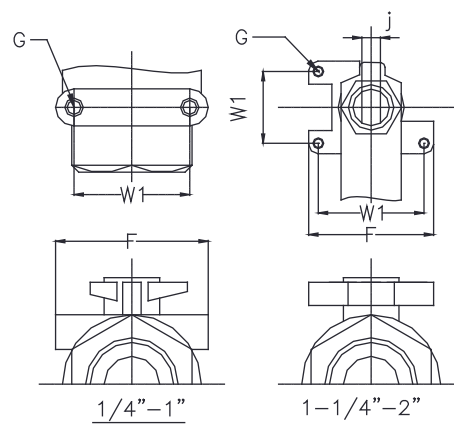
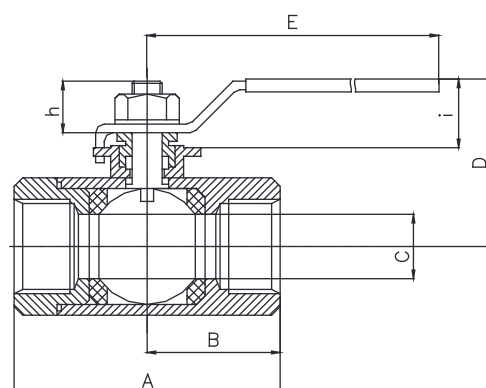
Standard:

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

Dimensions (mm):

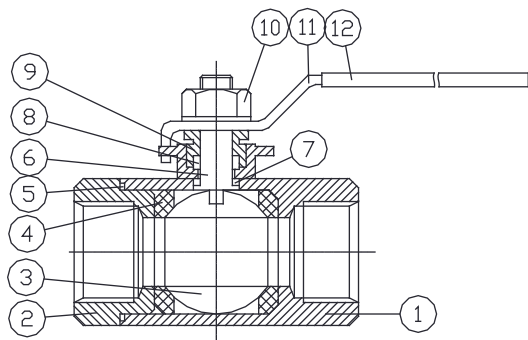
INCH	A	B	C	D	E	F	H	I	J	W1	Weight KG	G (UNC)
1/4"	57	26	13	51	100	39	11	35	5.2	28.2	0.32	W3/16-24
3/8"	57	26	13	51	100	39	11	35	5.2	28.2	0.32	W3/16-24
1/2"	60	29	13	51	100	39	11	35	34	28.5	0.32	W3/16-24
3/4"	79	38	17.5	62	123	46	12	42	6.2	34.7	0.60	W3/16-24
1"	85	41	22.3	67	123	46	12	42	6.2	34.7	0.80	W3/16-24
1-1/4"	102	51.5	25.6	84	144	50	20	40	9.3	35.6	1.45	W1/4-20
1-1/2"	111	56	32	89	144	50	20	42	9.3	35.6	1.88	W1/4-20
2"	137	68	38.3	94	180	50	20	40	9.3	35.6	2.65	W1/4-20

Note: Torque measured at ambient temperature with no loading; safety factor is not included.
Select size(s) may be under development, please consult with us for details.



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Materials List:

NO	PART NAME	MATERIAL	NO	PART NAME	MATERIAL
1	BODY	CF8M/ CF8 / WCB	7	THRUST WASHER	PTFE
2	END CAP	CF8M/ CF8 / WCB	8	STEM PACKING	PTFE
3	SOLID BALL	CF8M	9	GLAND NUT	SS304
4	BALL SEAT	R.PTFE	10	HANDLE NUT	SS304
5	BODY SEAL	PTFE	11	HANDLE	SS304
6	STEM	SS316	12	HANDLE SLEEVE	VINYL

