

# Bolted Body Ball Valve

## Series E3

3 Piece Bolted Body



### Features:

- In Line Repairable
- Blow Out Proof Stem
- ISO - 5211 Mounting Pad
- Locking Device

### Designed for Full Compliance to:

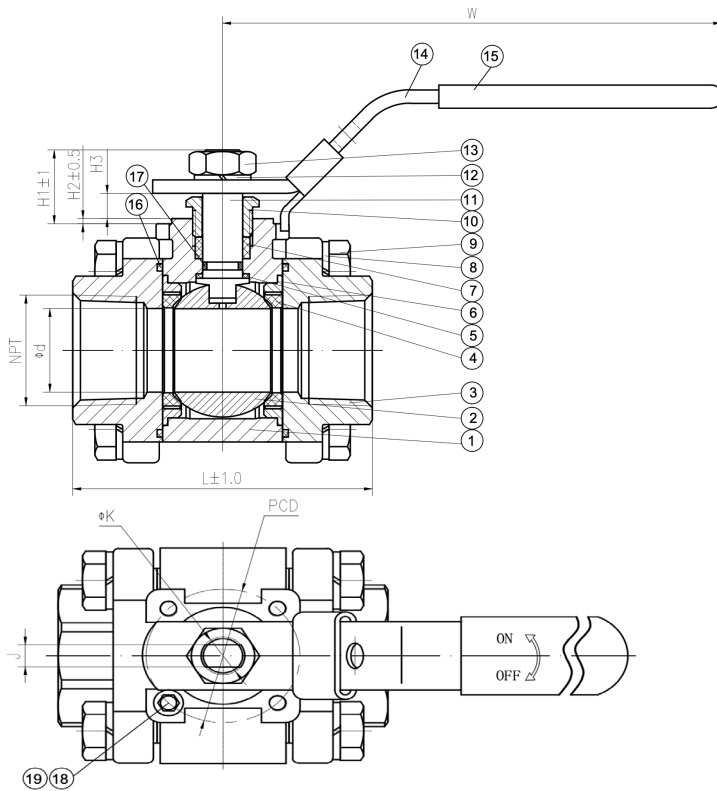
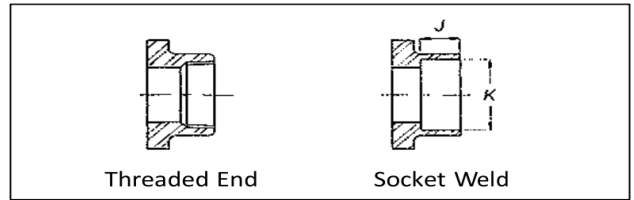
- NACE MR0175
- ANSI B16.34
- Fire Safe - API 607 4th Edition

# E 3 Series

## Enflow 3 Piece Bolted Body.

- 2000 WOG Investment Cast Carbon Steel Lever Operated Ball Valve
- NPT x SW

Port	NPT	SW	NPT x SW
Full Port	E3LF20NV	E3LF20SV	E3LF20EV



No	Part Name	Material
1	Body	LCC, CF8M
2	Ball	ASTM A182 F316
3	Cap	LCC, CF8M
4	Seat	TFM 1600
5	Thrust Washer	RPTFE/PTFE
6	Joint Gasket	TFM 1600
7	Packing	GRAPHITE
8	Elastic Washer	CS/SS
9	Bolt	L7M / B8
10	Gland	A2-70
11	Stem	ASTM A276 316
12	Elastic Washer	SS
13	Nut	A2-035
14	Handle	SS
15	Handle Cover	PVC
16	Washer	Graphite
17	O-Ring	HNBR/Viton
18	Bolt	A2-70
19	Positioning Set	SS

Size	TORQUE Max. Breakaway Torque (lbs) CV VALUES: US GPM/1 PSI DROP	
	Torque	CV
1/4"	35	8.0
3/8"	35	8.0
1/2"	60	21.0
3/4"	120	28.0
1"	180	45.5
1 1/4"	210	73.0
1 1/2"	240	102.0
2"	350	200/0

### Pressure Rating:

- MAX 2000 PSI WOG at -29°F to 100 °F (non shock) and 150 PSI Saturated Steam

### Temperature Rating:

- -29°F to 450°F (depending on pressure)

### Test Pressure:

- Seat: AIR 100 PSI
- Seat: Hydrostatic 2200 PSI
- Body: Hydrostatic 3000 PSI

SIZE	DIMENSIONS									
	d	L	K	J	H1	H2	H3	W	PCD	N.m
1/4	10.9	75	10	6	15.5	1.5	5	115	.....	10
3/8	12.5	75	10	6	15.5	1.5	5	115	.....	10
1/2	15	75	10	6	15.5	1.5	5	115	.....	10
3/4	20	80	12	7	21	1.5	7	150	.....	12
1	25	90	12	7	23.5	1.5	8	150	.....	18
1-1/4	32	110	14	9	24.5	2	7.5	190	.....	24
1-1/2	38	120	16	10	29.0	2	9	230	.....	30
2	50	140	16	10	28.5	2.5	8	230	.....	40

Due to continuous development of our products, we reserve the right to modify our product design or construction without prior notice.