



Mevada Engineering Works Pvt. Ltd. (MEWPL) offers the solutions for sticking valve problems, cavity filled ball valves. Some of the roughest process control problems involve those in butadiene and styrene services. These and other media in the valve cavity may become solid, and seize or block for operation. The resin supplier and water in the low temperature may need this filler. The valve with cavity filler will be easier to clean as well.

Unidirectional Flush Bottom Ball valve

Type : Full bore with over sized flange

Single piece, side entry, Flange Ends, 150 Model No.BL-B-1-F-F-A1

Single piece, side entry, Flange Ends, 300 Model No.BL-B-1-F-F-A2



Design Features

- Meets ASME B 16.5, ASME B 16.34, BS 5351
- Full bore= higher Cv value=No pressure drop
- Off-centre design & protruded ball assures zero contamination between reactor or vessel pad to valve ball, thus ensures no chalk up's in valve body cavity that lets flow material freely while discharging.
- Anti-blow out proof stem
- Renewable seat & seals
- Unidirectional Valve

Standards

- Design Code: ASME B 16.34, BS EN ISO 17292
- Pressure Test : BS EN ISO 12266-1
- End Flanges : ANSI B 16.5
- Size : 1 1/2" to 4"
- Operation : Lever operated or Pneumatic operated

Options

To avoid fouling problem of hand lever, special design 45° bented lever can be provided.

Extended stem with stuffing box can be provided to suit extreme high/low temperatures.

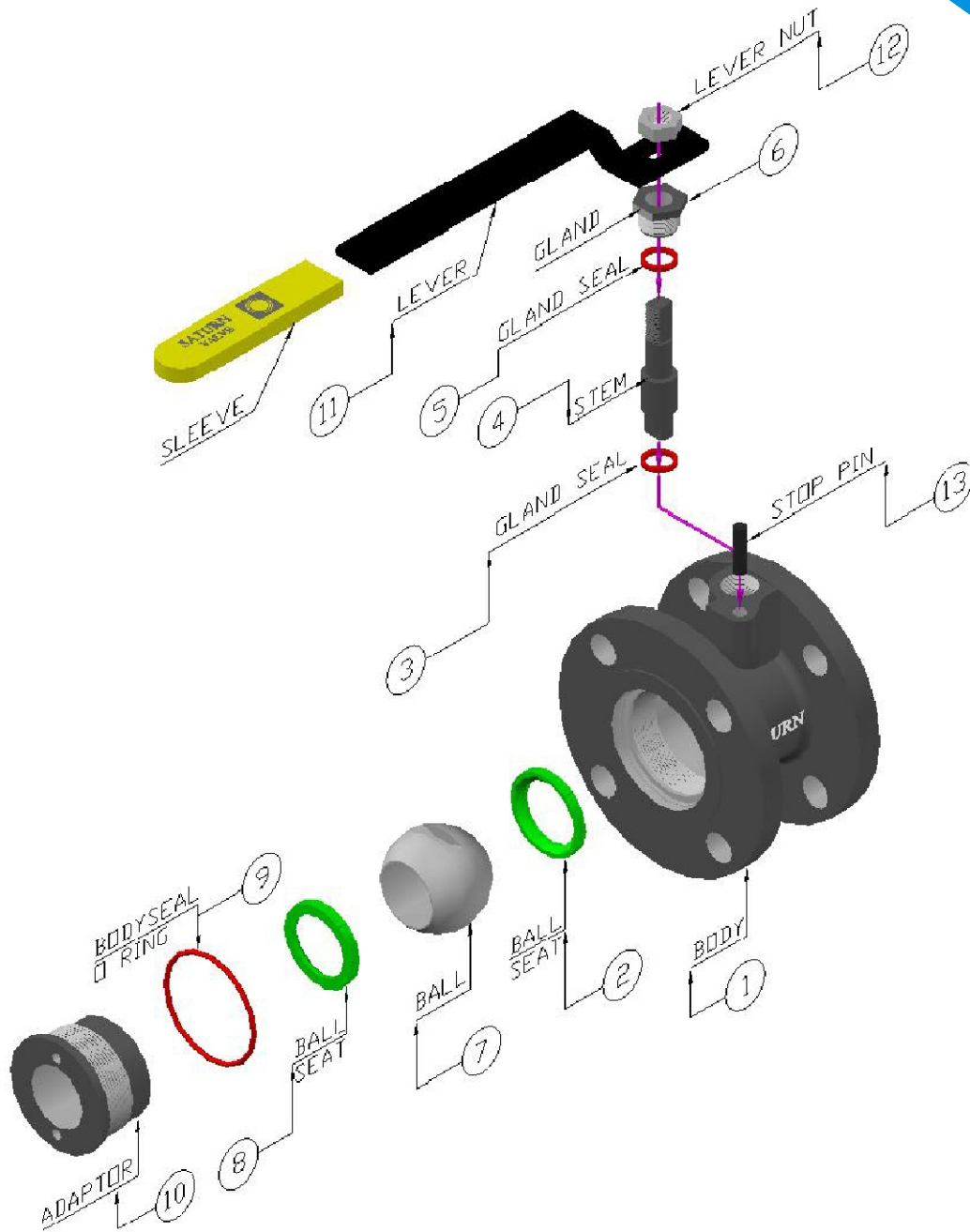
Valve can be provided with pneumatic actuator along with accessories.

Features

- Cavity free for powder and sticky services
- 45° fabricated lever to ease the valve operation and to avoid fauling.
- Extended bonnet can be provided for high temperature services
- Extended bonnet with ISO 5211 mounting pad to facilitates automation & locking arrangement in both open & close position.
- Valves to suit high temperature service can be provided.
- Jacket can be provided.



- To avoid valve jamming problem in sticky and viscous applications, cavity free arrangement can be provided.
- Pad lock arrangement can be provided for safety.



SR.NO.	PARTS	MATERIAL
1	BODY	ASTM A351 CF 8 / CF8M
2	ADAPTOR	
3	STEM	AISI 304 / 316
4	BALL	A351 CF8 / CF8M
5	SEAT	PTFE/GFT/CFT
6	THRUST WASHER	PTFE/GFT/CFT
7	GLAND SEAL RING	PTFE/GFT/CFT
8	BODY SEAL 'O' ring	PTFE / GFT
9	GLAND	AISI 304/316
10	LEVER NUT	AISI 304
11	STOP PIN	AISI 304
12	LEVER	STEEL POWDER CTD.
13	ANTISTATIC DEVICE	AISI 316
* CUSTOMER'S SCOPE		

Test Pressure-Kg/cm²

	Shell	Seat
Hydro	30	21
Pneumatic	-----	7
Vacuum	N.A.	FULL

VALVE SIZE	A	B	C	D	E	F PCD	G	H	I	J	K	L	M
32 x 40	75	124	180	31.7	73	98	127	2	14.3	15.8	4	27	NIL
40 x 50	90	137	225	38.1	92	120.5	152.5	2	16	19	4	30.2	NIL
50 x 65	102	141	245	50.8	104.7	139.7	177.8	2	17.5	19	4	40	NIL
65 x 80	115	151	245	63.5	127	152.5	190.5	2	19	19	4	47.5	2
80 x 100	127	187	370	75	157	190.5	228.5	2	23.8	19	8	54.8	2.7
100 x 150	165	223	405	98	216	241.3	279.5	2	25.4	22.2	8	71.4	4.8