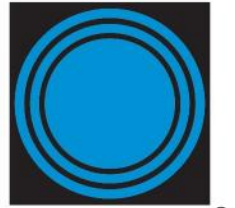
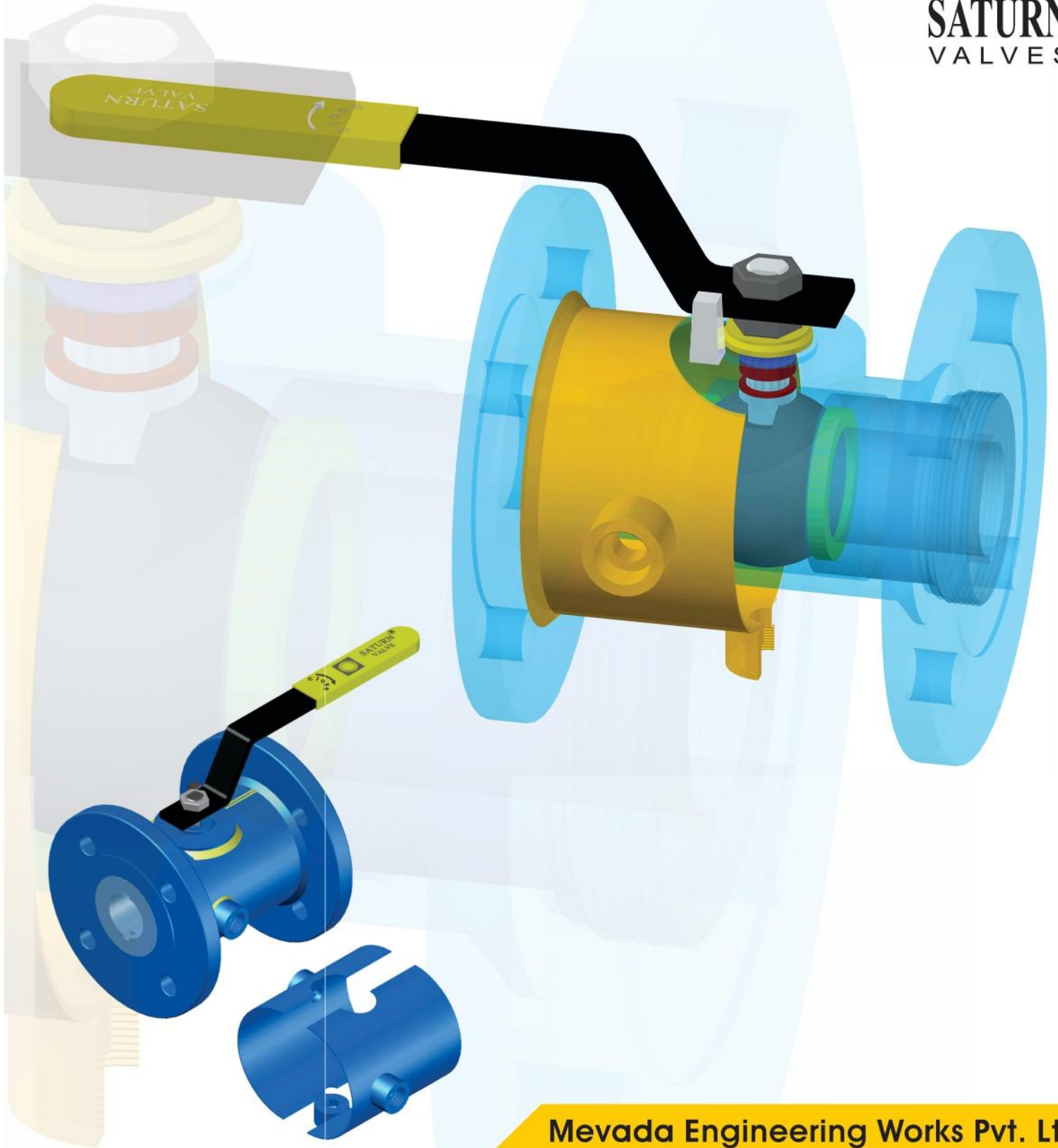


ENGINEERING RE-DEFINED



SATURN[®]
VALVES



Mevada Engineering Works Pvt. Ltd.

JACKETED BALL VALVE

ISO 9001
BUREAU VERITAS
Certification

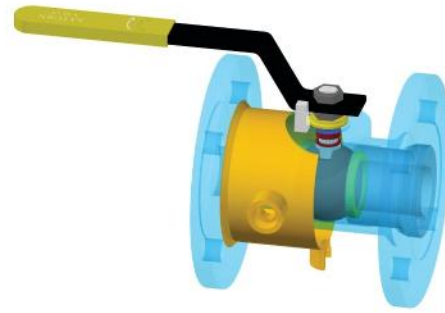


50
Years
OF SERVICE

Jacketed Ball valve (Full bore with over sized Flange)



Mevada Engineering Works Pvt. Ltd. (MEWPL) offers Jacketed Ball Valve, Designed with full flange to flange welded jacket, to effectively maintain the temperature of the media.



SIZE	TYPE	CLASS	MODEL NO.
15-100mm 1/2" to 4" (PORT SIZE)	STANDARD	150	BL-J-1-F-F-A1
	EXTENDED	150	BL-JX-1-F-F-A1
	STANDARD	*300	BL-J-1-F-F-A2
	EXTENDED	*300	BL-JX-1-F-F-A2

* Given only for information, dimensions can be provided on request.

DESIGN FEATURES

- Full Jacketed design effectively maintains the temperature of the media
- High-pressure resistant jacket for supply of steam or hot oil media up to 12kg/cm²
- Full Bore
- Blowout proof Stem
- Special RPTFE seats to meet internal & external temperature
- Renewable Seat & Seals
- "O" Body seal for better sealing life
- Anti-Static Device
- Live-loaded design eliminates stem leakage while providing longer life cycle.
- Mounting Pad to DIN 3337 / ISO 5211
- Bi-direction design for back flow application.

SERVICE APPLICATIONS

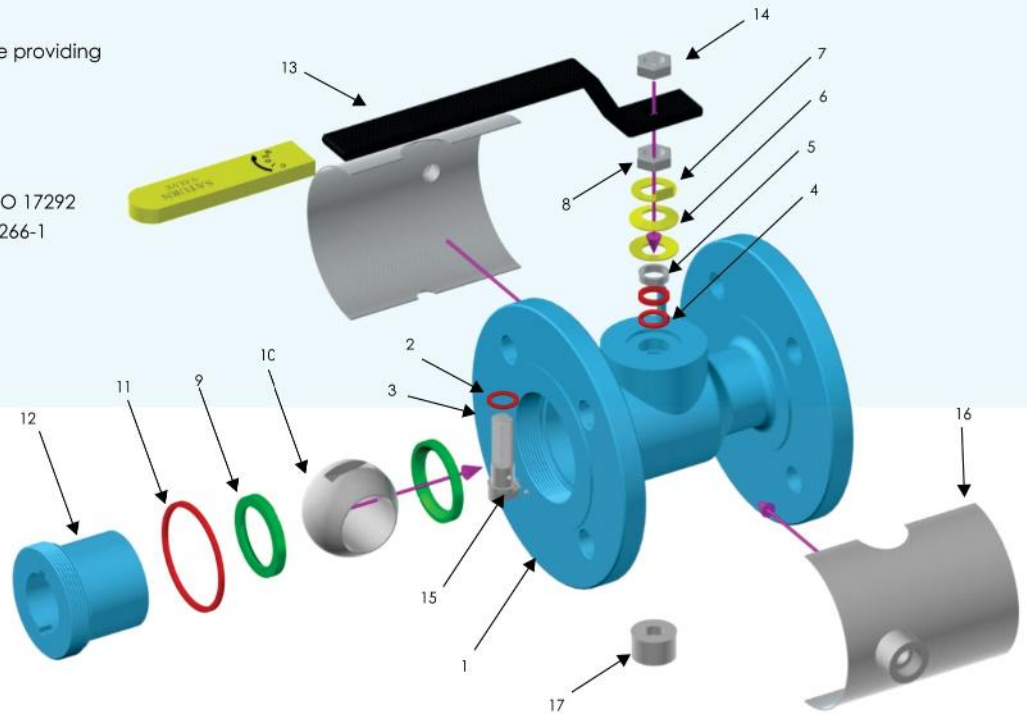
- Temperature - Dependent Viscosity Fluid:
Heavy Oil, Asphalt, Coal Tar, Resins, Polymers Etc.

OPTIONS

- Extended Stem to suit pipe insulation, gland seals deformation, in-line leakage monitoring.
- Jacket nozzle with flanges

STANDARDS COMPLIANCE

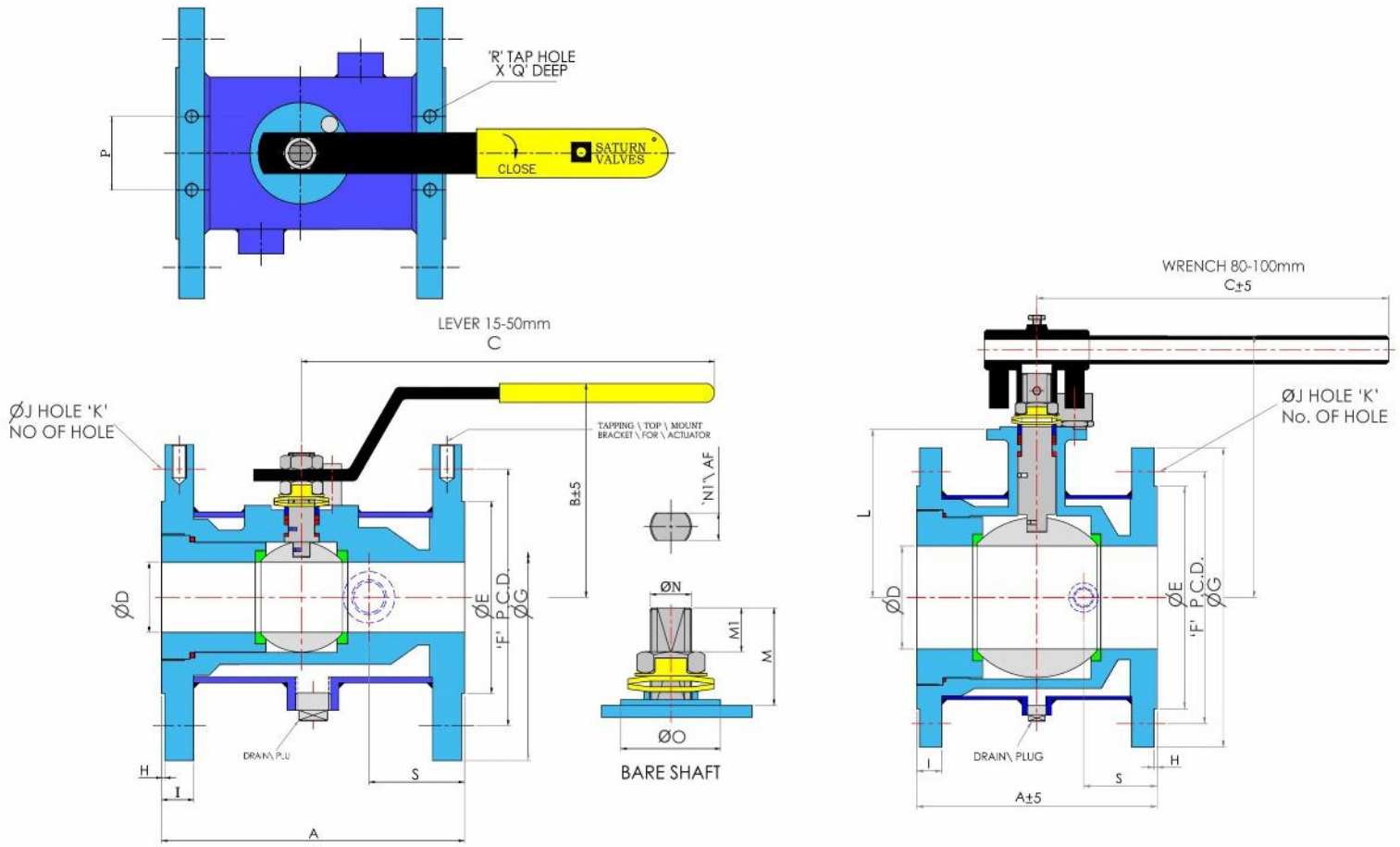
- Design : ASME B 16.34, BS EN ISO 17292
- Pressure Test : API 598 / BS EN ISO 12266-1
- End to End : ASME B 16.10
- Flange Dimension : ANSI B 16.5
- Mounting Pad : DIN 3337/ ISO 5211
- Material Certification : DIN 50.049-3 1B
- Quality Systems / Certifications : ISO 9001



SR NO	DESCRIPTION	MATERIAL						
1	BODY	A 216 GR. WCB	SS304	SS304 L	SS316	SS316 L	ALLOY 20	HATELLOY C
2	THRUST WASHER		A 351 GR. CF8	A 351 GR. CF3	A 351 GR. CF8M	A 351 GR. CF3M	A 351 GR. CN7M	A 494 CW-12MW
3	STEM	SS304/SS316	SS304	SS304 L	PTFE/GFT/CFT/TFM 1600/PEEK			
4	GLAND SEAL RING				SS316	SS316L	ALLOY20	HASTELLOY C
5	GLAND SPACER		SS316	SS316L	SS316	SS316L	ALLOY20	HASTELLOY C
6	BELLEVILLE WASHER		SPRING STEEL ZINC PLATED/STAINLESS STEEL					STAINLESS STEEL
7	LOCK WASHER		CARBON STEEL ZINC PLATED/STAINLESS STEEL					STAINLESS STEEL
8	GLAND NUT		SS304			SS316		SS316 L
9	BALL SEAT		PTFE/GFT/CFT/TFM 1600/PEEK					
10	BALL	SS304/SS316	SS304	SS304 L	SS316	SS316L	ALLOY20	HASTELLOY C
11	BODY JOINT SEAL		PTFE					
12	ADAPTOR	A 216 GR. WCB	SS304	SS304 L	SS316	SS316 L	ALLOY 20	HATELLOY C
			A 351 GR. CF8	A 351 GR. CF3	A 351 GR. CF8M	A 351 GR. CF3M	A 351 GR. CN7M	A 494 CW-12MW
13	LEVER WITH PVC SLEEVE		CARBON STEEL POWDER COATED/STAINLESS STEEL					STAINLESS STEEL
14	LEVER NUT		CARBON STEEL ZINC PLATED/SS304					STAINLESS STEEL
15	ANTISTATIC DEVICE		SS316 L					
16	JACKET	CARBON STEEL					SS304	
17	NOZZLE	CARBON STEEL					SS304	

Design and dimensions are subject to change without prior notice

Exploded view and dimension



ONE PIECE JACKETED BALL VALVE FLANGED END 150#																						
VALVE SIZE	FLANGE DIMENSIONS												MOUNTING DIMENSIONS									
	A	B	C	ØD	ØE	F P.C.D.	ØG	H	I	J	K	M1	ØN	N1 A/F	S	V	L	P	R TAP	Q DEEP		
25x50	127	100	180	25.4	92	120.5	152.5	2	15.8	19	4	12	12.7	7.9	63.5	69.5	17.5	40	M8	15		
40x65	165	115	225	38.1	104.7	139.7	177.8	2	17.5	19	4	13.8	14.3	9.5	79.2	82.5	18.5	45	M8	15		
50x80	178	124	245	50.8	127	152.5	190.5	2	19	19	4	15.5	17	11.1	82.5	88	10	45	M8	15		
VALVE SIZE	FLANGE DIMENSIONS												MOUNTING DIMENSIONS									
	A	B	C	ØD	ØE	F P.C.D.	ØG	H	I	J	K	L	M	M1	ØN	ØO	N1 A/F	P	Q	R	ISO PAD	S
80x100	203	197	335	75	157	190.5	228.5	2	24	19	8	124	42	20.7	23.8	15.87	15.87	4	M10	102	F10	60
100x150	229	249	335	98	216	241.3	279.5	2	25.5	22.2	8	160	46	21.5	28.6	19	19	4	M10	102	F10	70

ALL DIMENSIONS ARE IN MM

Design and dimensions are subject to change without prior notice



Mevada Engineering Works Pvt. Ltd.
 Unit No. 1, Plot No 9, Mistry Ind. Estate, I.B. Patel Road,
 Goregaon (East), Mumbai : 400063. Maharashtra, INDIA.
 Telephone : +91 - 22 - 42523200
 Fax : +91 - 22-42523202
 Email : info@saturnvalves.com / sales@saturnvalves.com
 Web : www.saturnvalves.com