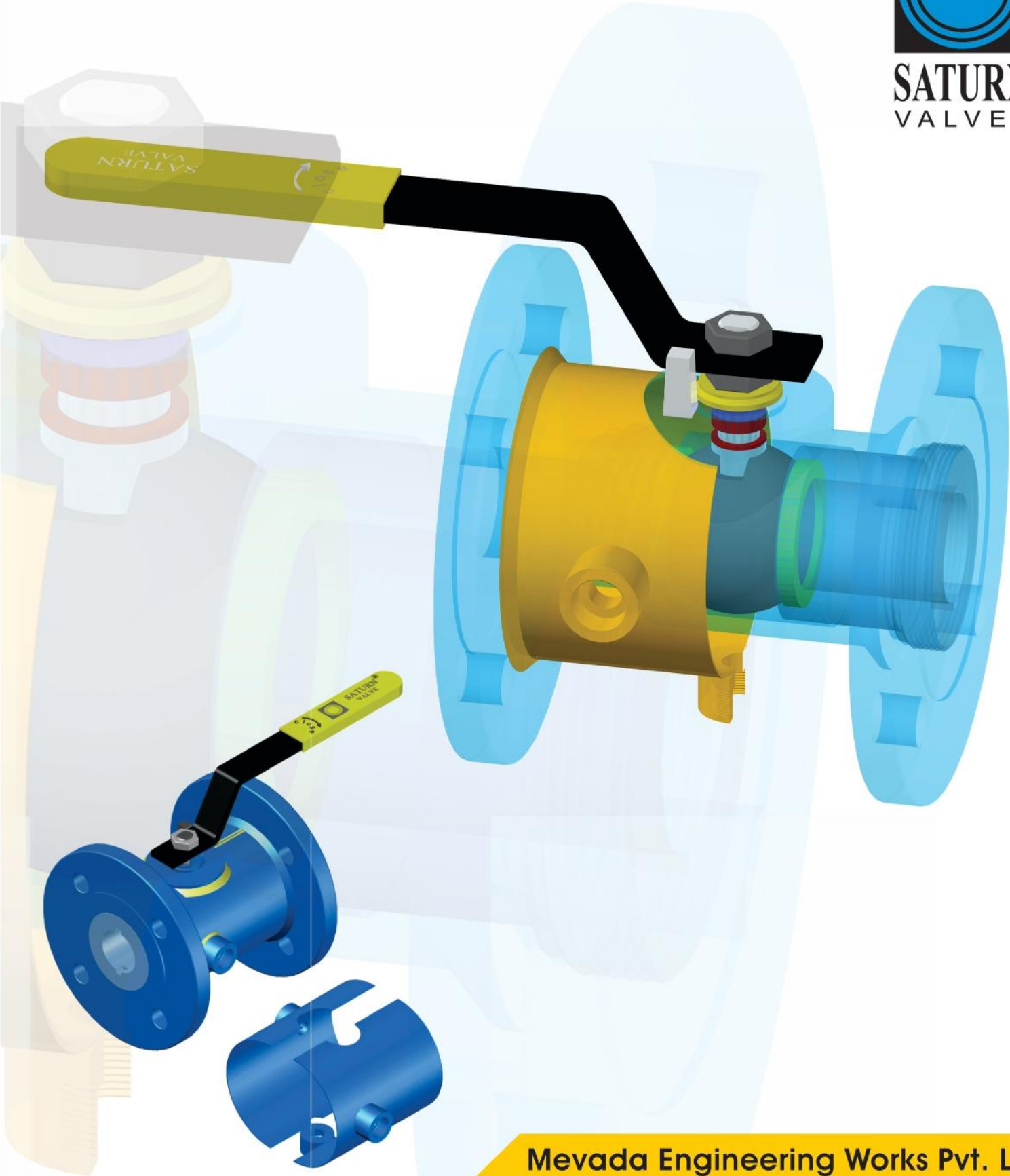


ENGINEERING RE-DEFINED



SATURN[®]
VALVES



Mevada Engineering Works Pvt. Ltd.

JACKETED BALL VALVE

ISO 9001
BUREAU VERITAS
Certification



50
Years
OF SERVICE

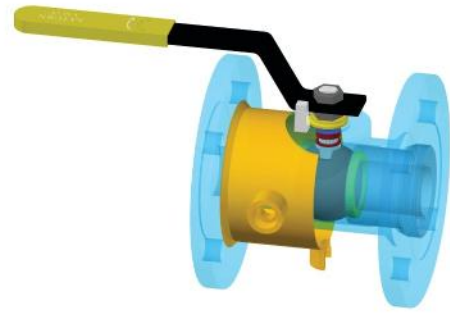
Jacketed Ball valve (Full bore with over sized Flange)



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.

STANDARDS COMPLIANCE

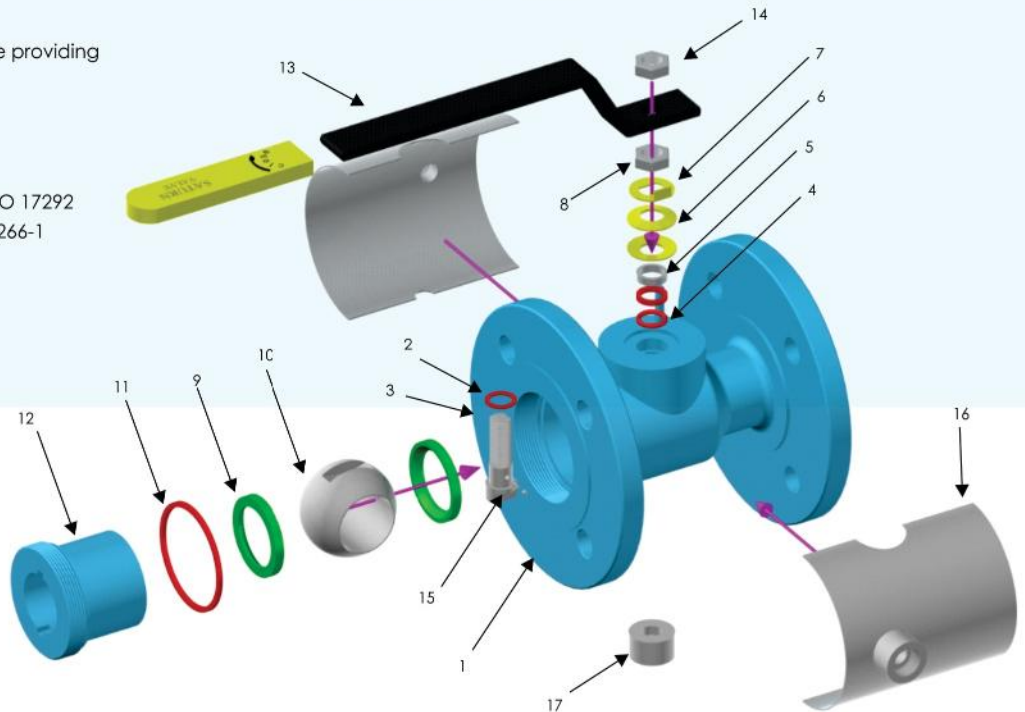
- Design : ASME B 16.34, BS EN ISO 17292
- Pressure Test : API 598 / BS EN ISO 12266-1
- End to End : ASME B 16.10
- Flange Dimension : ANSI B 16.5
- Mounting Pad : DIN 3337/ ISO 5211
- Material Certification : DIN 50.049-3 1B
- Quality Systems / Certifications : ISO 9001

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



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

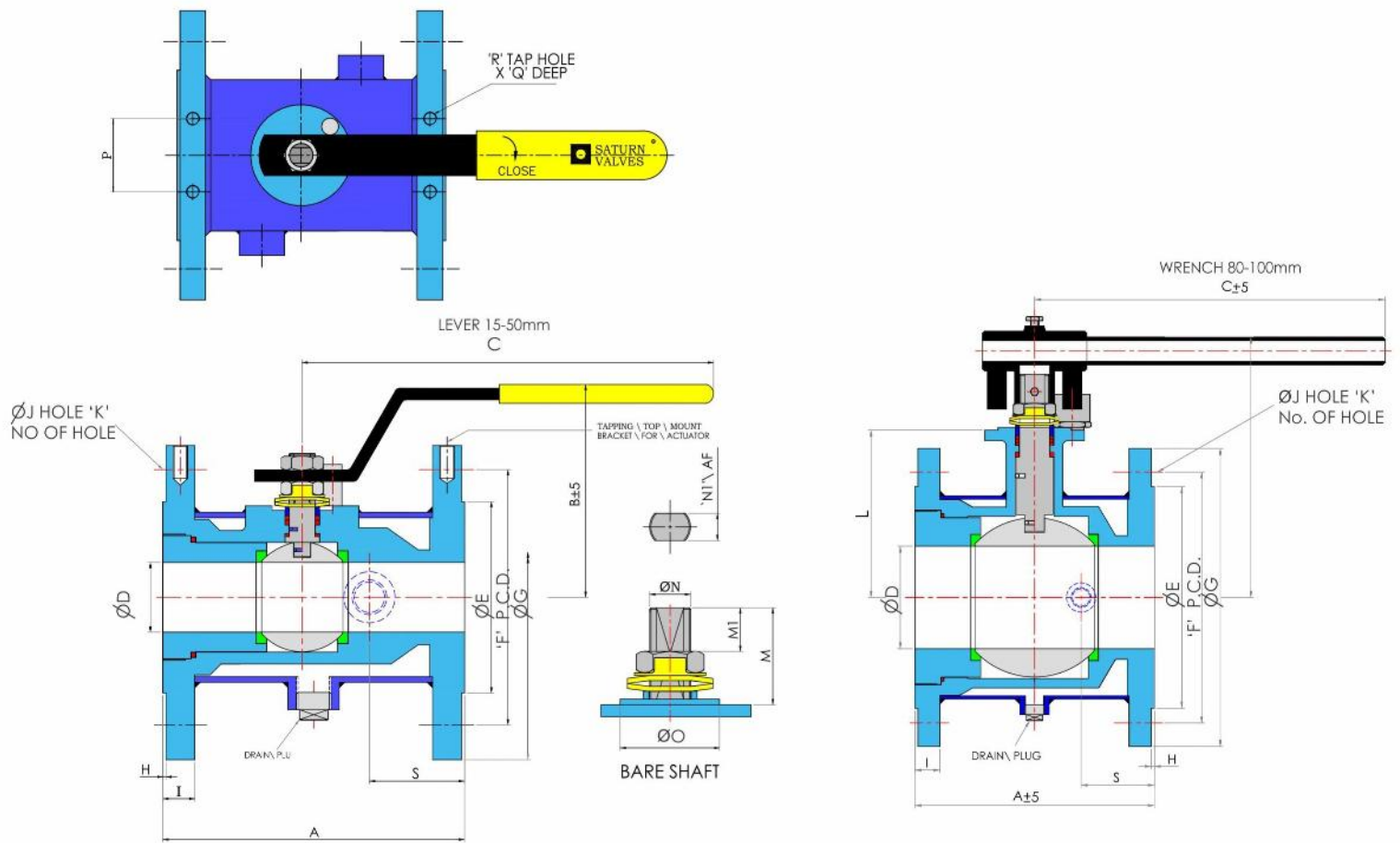
Design and dimensions are subject to change without prior notice

ISO 9001
BUREAU VERITAS
Certification



50
YEARS
OF SERVICE

Exploded view and dimension



ONE PIECE JACKETED BALL VALVE FLANGED END 150#																						
FLANGE DIMENSIONS														MOUNTING DIMENSIONS								
VALVE SIZE	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		
FLANGE DIMENSIONS														MOUNTING DIMENSIONS								
VALVE SIZE	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.

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