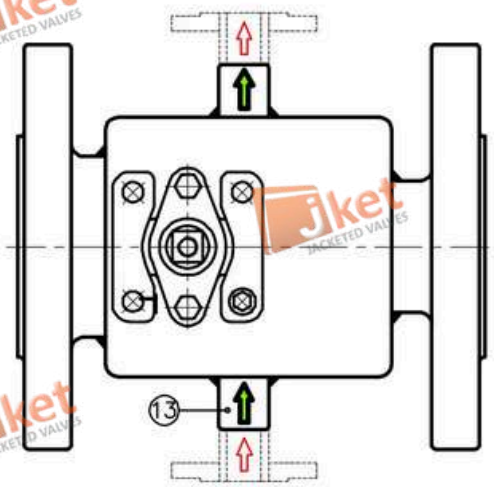
PARTIAL/HALF JACKETED



Dimensions [300 Class]

Size							
	mm	25	40	50	65	80	100
	Inch	2"	2.5"	2"	2.5"	3"	4"
Flange Details	L	165.1	191	216	241	283	305
	øG	25	38	50	63	75	100
	øD	125	155	165	190	210	255
	øE	88.9	114.3	127	149.2	168.3	200
	øF	50.8	73	92.1	104.7	127.0	157.2
	N	4	4	8	8	8	8
	øO	19	22.2	19	22.2	22.2	22.2
	T	15.9	17.5	20.7	23.9	27.0	30.2

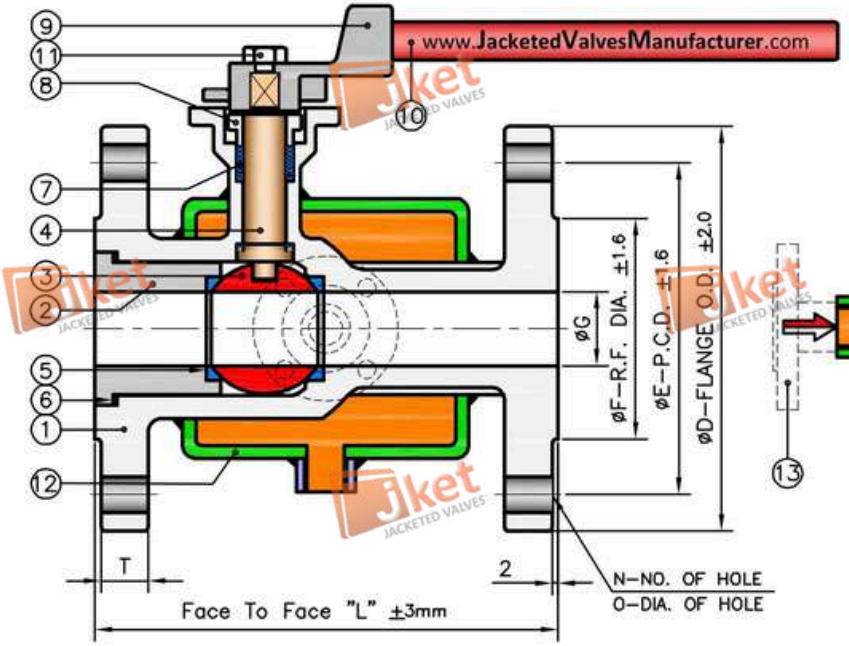
All Dimensions Are In mm

FIRE SAFE DESIGN

ANTISTATIC DEVICE

Features

* Fire Safe Design
* Antistatic Device
* Blow–outproof Stem
* V–Seal Gland Packing
* Easy to Mount Actuator
* Low Operating Torque
* Leak Tight Stem Sealing
* Open/Close Locking Device
* Bolted Gland Tight Arrangement



All Dimensions Are In MM
*** Data Not Provided By Client
*** For any Special or Critical Service, Please Clear At Enquiry Stage
Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice
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DESIGN DATA

DESIGN STANDARD		BS EN ISO 17292	PRESSURE TESTING - 300# RATING		
BODY SHELL DESIGN		ASME B 16.34/ISO 17292	HYDRO BODY		YES @ 79.0 KG/CM2
FLANGED END		ASME B 16.5, 150# RF	HYDRO SEAT		YES @ 58.0 KG/CM2
FACE TO FACE		ASME B 16.10	PENUMATIC SEAT		YES @ 5.6 KG/CM2
LEAKAGE CLASS		CLASS VI (6) ZERO LEAK	HYDRO JACKET TEST		YES @ 21.0 KG/CM2
PROCESS FLOW MEDIA		***	JACKET PASSING MEDIA		***
PRESSURE	DESIGN	*** KG/CM2	PRESSURE	DESIGN	*** KG/CM2
	OPERATING	*** KG/CM2		OPERATING	*** KG/CM2
TEMP.	DESIGN	*** °C	TEMP.	DESIGN	*** °C
	OPERATING	*** °C		OPERATING	*** °C
PAINTING	PROCEDURE	MANUFACTURER STD.	PMI		Not Required
	COLOR	MANUFACTURER STD.	NDE/DPT/RT		Not Required
TAG NUMBER		***	NACE		Not Required

TYPE AND SIZE OF JACKET CONNECTION		JACKET IN/OUT SIZE			JACKET DRAIN SIZE			REMARK
THREADED END NPT	☑	½" ☑	¾" ☐	1" ☐	½" ☑	¾" ☐	1" ☐	
THREADED END BSP	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	
FLANGED END RF 150#	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	
ANY SPECIAL	☐							

INTELLECTUAL PATENTED PROPERTY

NO.	ITEM	MATERIAL		
13	JACKET FLANGE/COUPLING	A 105 (FORGED CS)	A 105 /SS 304	A 105 /SS 304/SS 316
12	JACKET	A 216 GR WCB	A 351 GR CF8/CF3	A 351 GR CF8M/CF3M
11	LEVER FITTING BOLT	SS 304		
10	HAND LEVER PIPE	MS PIPE		
9	HAND LEVER SOCKET	ASTM A 216 GR. WCB		
8	GLAND FLANGE	ASTM A 351 GR. CF8M (SS 316)		
7	GLAND PACKING	PTFE/GFT/CFT/GRAPHITE		
6	BODY SEAL	PTFE/GFT/CFT/GRAPHITE		
5	BALL SEAT	PTFE/GFT/CFT/SS 316L METAL SEAT +TUNGSTEN CARBIDE COATED (TCC)		
4	STEM	SS 304/316	SS 304/304L	SS 316/316L
3	BALL (SOLID)	SS 304/316/304L/316L/TUNGSTEN CARBIDE COATED (TCC)		
2	INSERT NUT	A 216 GR WCB (CAST CARBON STEEL)	A 351 GR CF8/CF3 (CAST SS 304 / 304L)	A 351 GR CF8M/CF3M (CAST SS 316 / 316L)
1	BODY			

Title:
HALF JACKETED BALL VALVE, FLANGED END, 300#, LEVER OPERATED

Client:

Manufacturing & Exports By:
Exclusive Jacketed Valve Manufactuer
(JKET Make All Types of Jacketed Valves/Strainer/Sight Glass Manufacturer)
Ahmedabad, Gujarat, INDIA.
www.JacketedValvesManufacturer.com

☑ For Reference
☐ For Approval
☐ For Record

QUOTATION/ENQ. NO. :	DRG. BY : MDS	REV. NO. : R0
DRG. NO. : JKET/HJK90/300	CHKD. BY : BBP	DATE : 01/04/2023