

PARTIAL/HALF JACKETED



JACKETED VALVES

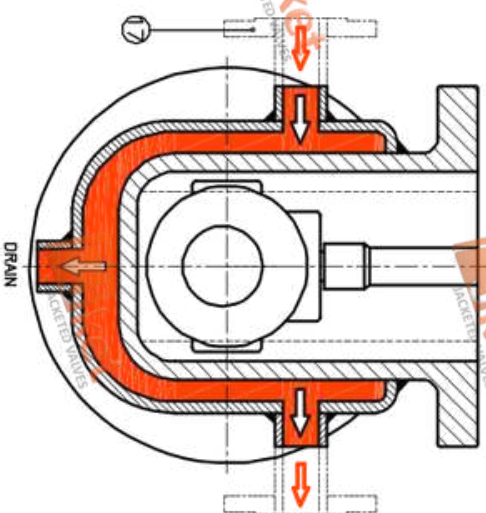
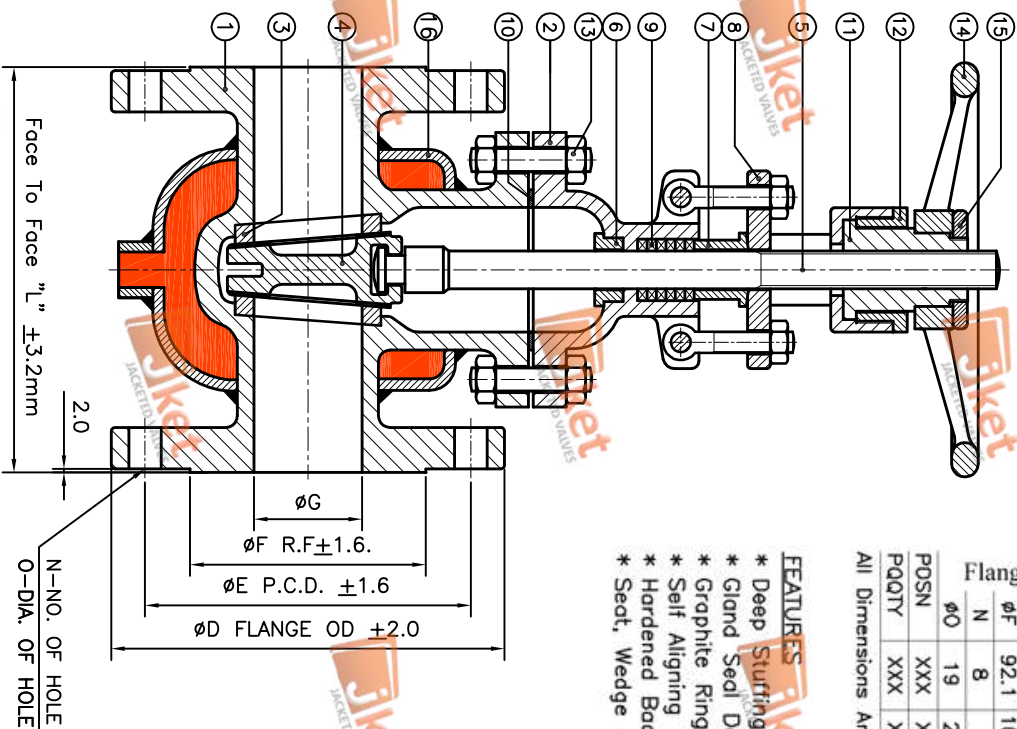
Dimensions [300 Class]

mm	50	65	80	100	125	150	200	250	300
Inch	2	2.5	3	4	5	6	8	10	12
L	216	241	283	305	381	403	419	457	502
ØG	50	63	75	100	125	150	200	250	300
ØD	165	190	210	255	280	320	380	445	520
ØE	127	149.2	168.3	200	234.9	269.9	330.2	387.3	450.8
ØF	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	8	8	8	8	8	12	12	16	16
POSN	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
PQOITY	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

All Dimensions Are In mm

FEATURES

- * Deep Stuffing Box
- * Gland Seal Design With Lantern Ring Option
- * Graphite Ring Ensures Effective Stem Sealing
- * Self Aligning Two Piece Gland
- * Hardened Back Sheet For Max. Service Life
- * Seat, Wedge & Back Seat Stelting [Optional]



N-NO. OF HOLE
O-DIA. OF HOLE

All Dimensions Are In MM

*** Insulation 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 booklet are subject to change without prior notice
Do not share Drawing without any written permission

DESIGN DATA

DESIGN STANDARD	API 600/API 603	PRESSURE TESTING - 300# RATING	
BODY SHELL DESIGN	API 600/ASME B 16.34	HYDRO BODY	YES @ 79.0 KG/CM ²
FLANGED END	ASME B 16.5, 150# RF	HYDRO SEAT & BACK SEAT	YES @ 58.0 KG/CM ²
FACE TO FACE	ASME B 16.10	PNEUMATIC SEAT	YES @ 5.0 KG/CM ²
LEAKAGE CLASS	CLASS IV (4)	HYDRO JACKET TEST	YES @ 21.0 KG/CM ²
PROCESS FLOW MEDIA	***	JACKET PASSING MEDIA	***
PRESSURE	DESIGN ** KG/CM ²	PRESSURE	DESIGN ** KG/CM ²
OPERATING	*** KG/CM ²	OPERATING	*** KG/CM ²
TEMP.	DESIGN *** °C	TEMP.	DESIGN *** °C
OPERATING	*** °C	OPERATING	*** °C
PAINTING	PROCEDURE MANUFACTURER STD	PAINT	Not Required
COLOR	MANUFACTURER STD	MANUFACTURER STD	Not Required
TAG NUMBER	***	NAME	Not Required

TYPE AND SIZE OF JACKET CONNECTION

JACKET IN/OUT SIZE	JACKET DRAIN SIZE	REMARK
THREADED END NPT ☒ 1" ☒ 1.5" ☐ 2"	THREADED END NPT ☐ 1" ☐ 1.5" ☐ 2"	3000 PSIG RATING
FLANGED END BSP ☐ 1" ☐ 1.5" ☐ 2"	FLANGED END RF 150# ☐ 1" ☐ 1.5" ☐ 2"	3000 PSIG RATING
FLANGED END RF 300# ☐ 1" ☐ 1.5" ☐ 2"	FLANGED END RF 600# ☐ 1" ☐ 1.5" ☐ 2"	
ANY SPECIAL ☐		

NO.	ITEM	MATERIAL
17	JACKET COUPLING/FLANGE	A 105
16	JACKET (PLATE FABRICATED)	A 516 GR. 60/70
15	HAND WHEEL NUT	CARBON STEEL
14	HAND WHEEL	5 S.G IRON
13	BONNET STUD AND NUT	A 193 GR 88/A 194 GR 8
12	BONNET STUD AND NUT	CARBON STEEL
11	STEM NUT	CARBON STEEL
10	GASKET	SPW GRAPHITE FILLED
9	GLAND PACKING RING	GRAPHITE (G6A101)
8	GLAND FLANGE	CARBON STEEL
7	GLAND BUSH	A 276 T-410 (SS 410)
6	BACK SEAT BUSH	A 276 T-410 (SS 410)
5	STEM (SPINDLE)	A 276 T-304/316
4	WEDGE (GATE)	CA15/NICB+13% CR. FACE
3	SEAT	CS+STELLITE HARD FACE
2	BONNET	A 216 GR WCB
1	BODY	A 351 GR CF8/3M

TYPE: HALF JACKETED GATE VALVE, FLANGED END, 300#, WHEEL OPERATED

Client:



For Reference

Manufacturing & Exports By:
Exclusive Jacketed Valve Manufacturer
Jaket Valve Pvt. Ltd.
Ahmedabad, Gujarat, INDIA.
www.JaketValveManufacturer.comFor Approval
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REV. NO. : R0
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