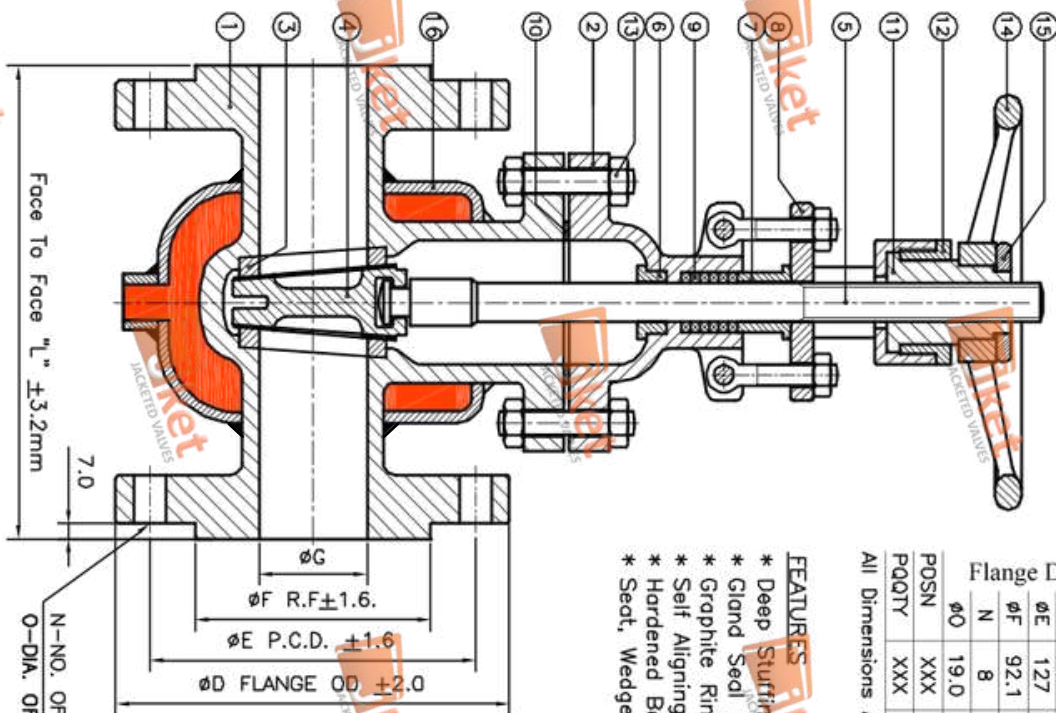


PARTIAL/HALF JACKETED

jaket
JACKETED VALVES

Dimensions [600 Class]

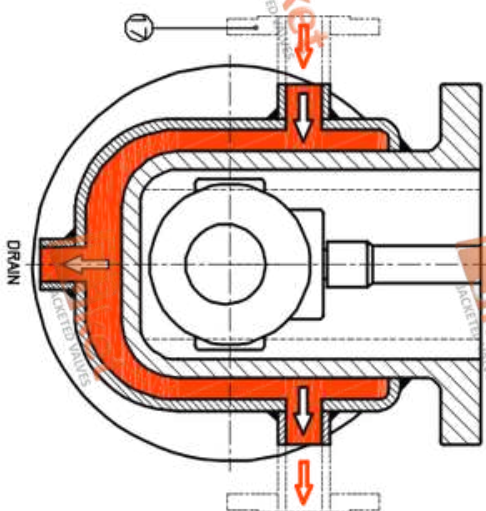
mm	50	65	80	100	125	150	200	250	300
Inch	2	2.5	3	4	5	6	8	10	12
L	292	330	356	432	508	559	660	787	838
ØG	50	63	75	100	125	150	200	250	300
ØD	165	190	210	275	330	355	420	510	560
ØE	127	149.3	168.1	215.9	266.7	292.1	349.2	431.8	488.9
ØF	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	8	8	8	8	8	12	12	16	20
POSN	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
PQTY	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

Flange Details

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 Stellite [Optional]

Face To Face "L" ± 3.2 mm

7.0

ØG
ØF R.F. ± 1.6
ØE P.C.D. ± 1.6
ØD FLANGE OD ± 2.0

N-NO. OF HOLE
O-DIA. OF HOLEjaket
JACKETED VALVESAll Dimensions Are In mm
**Tolerance Provided by Client
***For any Special or Critical Service, Please Consult Engineering Dept.
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 - 600# RATING	YES @ 154.0 KG/CM ²
BODY SHELL DESIGN	API 600/ASME B 16.34	HYDRO BODY	YES @ 13.0 KG/CM ²
FLANGED END	ASME B 16.5, 150# RF	HYDRO SEAT & BACK SEAT	YES @ 13.0 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 DESIGN	*** KG/CM ²	OPERATING DESIGN	*** KG/CM ²
TEMP. OPERATING	*** °C	TEMP. OPERATING	*** °C
PAINTING	MANUFACTURER STD	PAINT	Not Required
COLOR	MANUFACTURER STD	MANUFACTURER STD	Not Required
TAG NUMBER	***	TAG NUMBER	Not Required

TYPE AND SIZE OF JACKET CONNECTION

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

NO.	ITEM	MATERIAL
17	JACKET COUPLING/FLANGE	A 105 A 105 A 105
16	JACKET	A 216 GR WCB A 216 GR WCB A 216 GR WCB
15	HAND WHEEL NUT	CARBON STEEL CARBON STEEL CARBON STEEL
14	HAND WHEEL	5 G IRON 5 G IRON 5 G IRON
13	BONNET STUD AND NUT	A 193 GR 87/A 194 GR 2H A 193 GR 88/A 194 GR 8
12	BONNET NUT	CARBON STEEL CARBON STEEL CARBON STEEL
11	STEM NUT	CARBON STEEL CARBON STEEL CARBON STEEL
10	GASKET	SPW GRAPHITE FILLED SPW GRAPHITE FILLED SPW GRAPHITE FILLED
9	GLAND FLANGE	GRAPHITE (GRAPHITE) GRAPHITE (GRAPHITE) GRAPHITE (GRAPHITE)
8	GLAND BUSH	A 276 T-410 (SS 410) A 276 T-304/316 A 276 T-304/316
7	BACK SEAT BUSH	A 276 T-410 (SS 410) A 276 T-304/316 A 276 T-304/316
6	STEM (SPINDLE)	A 276 T-410 (SS 410) A 276 T-304/316 A 276 T-304/316
5	WEDGE (GATE)	CS+STELLITE HARD FACE CS+STELLITE HARD FACE CS+STELLITE HARD FACE
4	SEAT	A 216 GR WCB A 216 GR WCB A 216 GR WCB
3	BONNET	A 351 GR CF8/3M A 351 GR CF8/3M A 351 GR CF8/3M
2	BODY	A 216 GR WCB A 216 GR WCB A 216 GR WCB

TYPE: HALF JACKETED GATE VALVE, FLANGED END, 600#, WHEEL OPERATED

Client:



Manufacturing & Exporters By:

Exclusive Jacketed Valve Manufacturer

Ahmedabad, Gujarat, INDIA

www.JaketValveManufacturer.com

QUOTATION/ENQ. NO. :

DRG. NO. : JKET/WH/GT600

For Reference

For Approval

For Revision

DRG. BY : MDS

CHKD. BY : BBP

DATE : 01/04/2023