FULL JACKETED

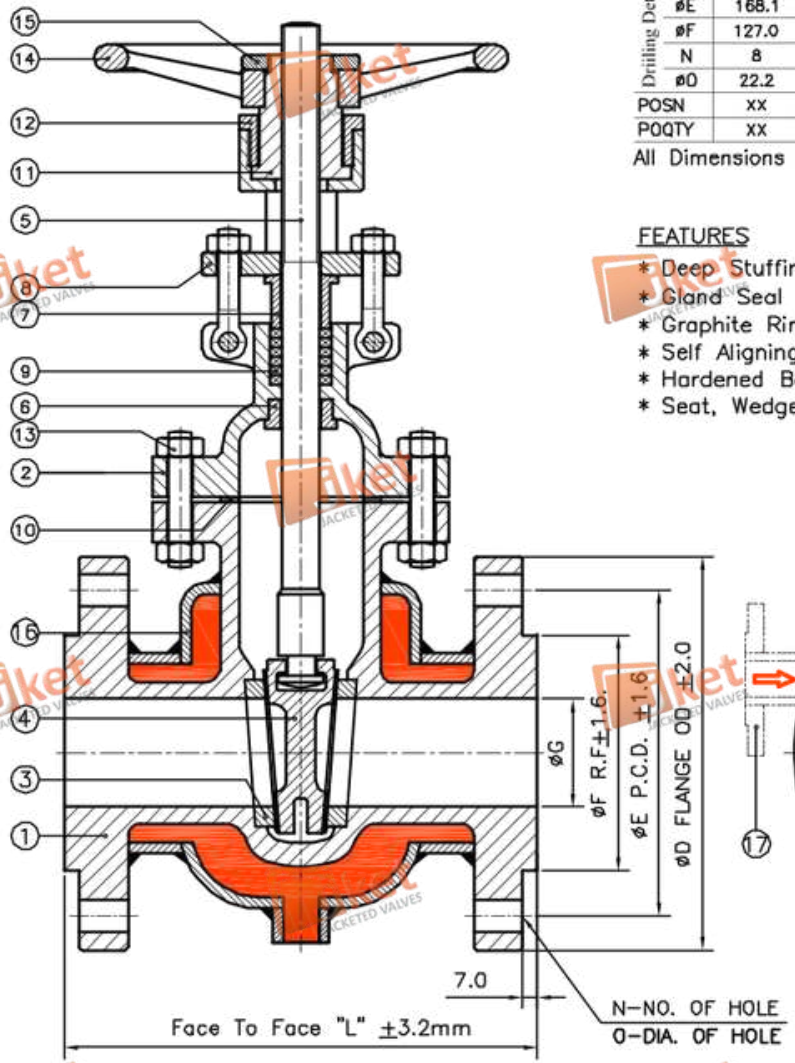
Dimensions [600 Class]

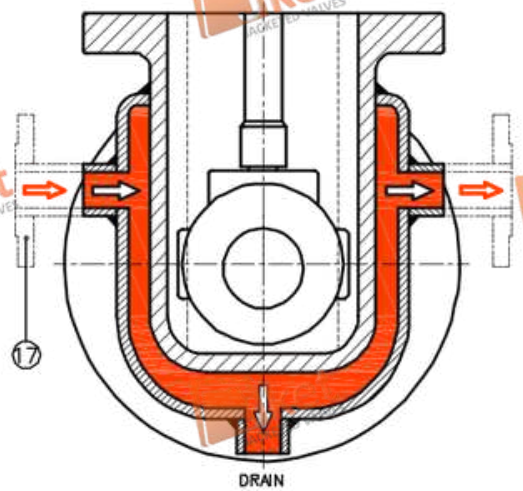
Size							
	mm	80x50	100x80	150x100	200x150	250x200	300x250
	Inch	3"x2"	4"x3"	6"x4"	8"x6"	10"x8"	12"x10"
	L	356	432	559	660	787	838
	øG	50	75	100	150	200	250
Drilling Details	øD	210	275	355	420	510	560
	øE	168.1	215.9	292.1	349.2	431.8	488.9
	øF	127.0	157.2	215.9	269.9	323.8	323.8
	N	8	8	12	12	16	20
	øO	22.2	25.4	28.6	31.7	35.0	35.0
POSN		XX	XX	XX	XX	XX	XX
POQTY		XX	XX	XX	XX	XX	XX

All Dimensions Are In mm

FEATURES

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





All Dimensions Are In MM
*** Data Not Provided By Client
*** For any Special or Critical Service, Please Clear At Enquiry Stage
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DESIGN DATA

DESIGN STANDARD		API 600/API 603	PRESSURE TESTING - 600# RATING		
BODY SHELL DESIGN		API 600/ASME B 16.34	HYDRO BODY		YES @ 154.0 KG/CM2
FLANGED END		ASME B 16.5, 150# RF	HYDRO SEAT & BACK SEAT		YES @ 113.0 KG/CM2
FACE TO FACE		ASME B 16.10	PENUMATIC SEAT		YES @ 5.6 KG/CM2
LEAKAGE CLASS		CLASS IV (4)	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" ☐	3000 PSIG RATING
THREADED END BSP	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	3000 PSIG RATING
FLANGED END RF 150#	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	
FLANGED END RF 300#	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	
FLANGED END RF 600#	☐	½" ☐	¾" ☐	1" ☐	½" ☐	¾" ☐	1" ☐	
ANY SPECIAL	☐							

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	S G IRON	S G IRON	S G IRON
13	BONNET STUD AND NUT	A 193 GR B7/A 194 GR 2H	A 193 GR B8/A 194 GR 8	A 193 GR B8/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 PACKING RING	GRAPHITE (GRAFOIL)	GRAPHITE (GRAFOIL)	GRAPHITE (GRAFOIL)
8	GLAND FLANGE	CARBON STEEL	A 351 GR CF8/8M	A 351 GR CF3/3M
7	GLAND BUSH	A 276 T-410 (SS 410)	A 276 T-304/316	A 276 T-304L/316L
6	BACK SEAT BUSH	A 276 T-410 (SS 410)	INTEGRAL	INTEGRAL
5	STEM (SPINDLE)	A 276 T-410 (SS 410)	A 276 T-304/316	A 276 T-304L/316L
4	WEDGE (GATE)	CA15/WCB+STELLITE HF	A 351 GR CF8/8M	A 351 GR CF3/3M
3	SEAT	CS+STELLITE HARD FACE	INTEGRAL	INTEGRAL
2	BONNET	A 216 GR WCB (CAST CARBON STEEL)	A 351 GR CF8/8M (CAST SS 304/316)	A 351 GR CF3/3M (CAST SS 304L/316L)
1	BODY			

Title:
FULL JACKETED GATE VALVE, FLANGED END, 600#, WHEEL OPERATED

Client:

Manufacturing & Exports By:
Exclusive Jacketed Valve Manufactuer
(Must 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/FOS/CGT600	CHKD. BY : BBP	DATE : 01/04/2023