

Nivz Valves & Automation

Gate Valve, OS & Y Type, Rising Stem

DRG. No.: GT60

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Rev. No.

Pressure Rating : 600 #
End Connection : Flanged End
Flange Drilling : ANSI B 16.5 600#
Face To Face : ANSI B 16.10

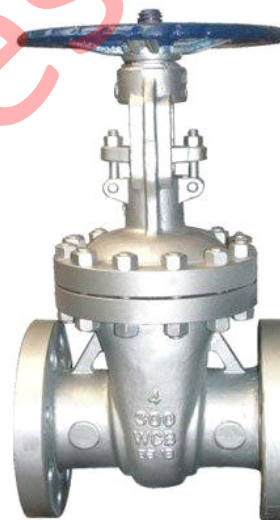
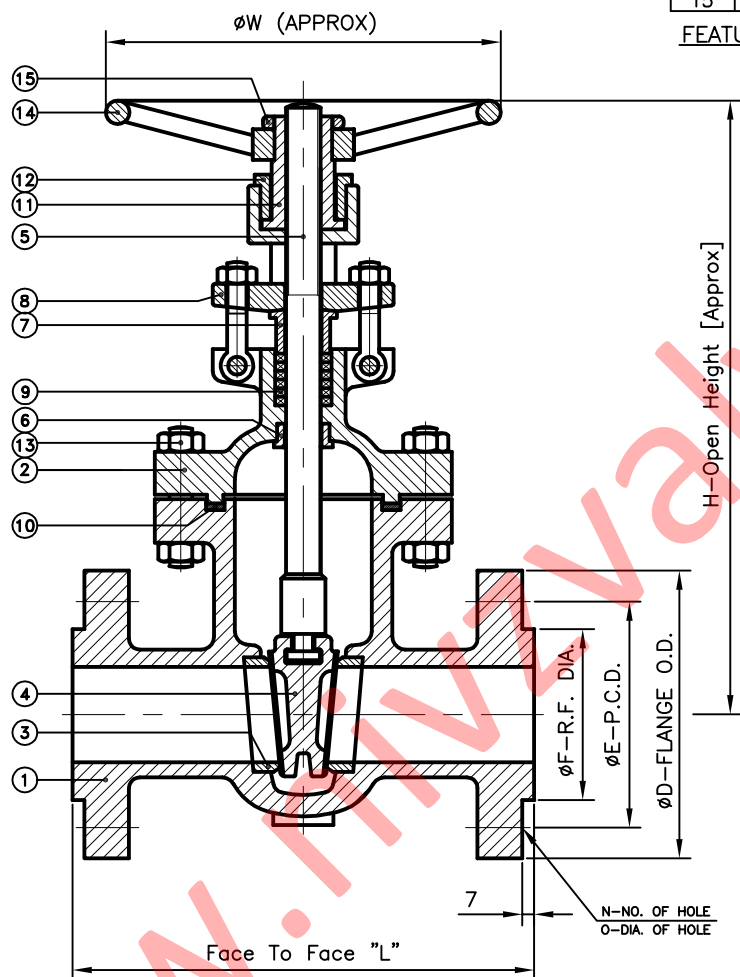
FEATURES

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

Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	A 216 GR. WCB/
2	Bonnet	A 351 GR. CF 8/CF8M/CF/3/3M/CN7M
3	Seat	AISI 410/304/316/304L/316L
4	Wedge (Gate)	WCB+13% CR. FACE/CF 8/8M/3/3M/CA15
5	Stem	AISI 410/304/316/304L/316L/ALLOY 20
6	Back Seat Bush	AISI 410/304/316/304L/316L/ALLOY 20
7	Gland Bush	AISI 410/304/316/304L/316L/ALLOY 20
8	Gland Flange	C.S./AISI 410/304/316/304L/316L
9	Gland Packing	GRAFOIL/P.T.F.E.
10	Gasket	SP. WOUND WITH GRAPHITE FILLED
11	Yoke Sleeve	C.S.
12	Yoke Nut	C.S.
13	Bonnet Bolt & Nut	C.S./B7/2H/S.S. 304/316/304L/316L
14	Hand Wheel	S.G. IRON
15	Hand Wheel Nut	C.S./S.S.

FEATURES: Size 6" & Above Yoke Provided on Bonnet



Design Standard : API 600

Dimensions [600 Class]

SIZE	25	40	50	65	80	100	125	150	200	250	300
L	216	241	292	330	356	432	508	559	660	787	838
ØD	125	155	165	190	210	275	330	355	420	510	560
ØE	88.9	114.3	127	149.2	168.3	215.9	266.7	292.1	349.2	431.8	489
ØF	50.8	73	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	4	4	8	8	8	8	8	12	12	16	20
ØO	19	22.2	19	22.2	25.4	28.6	28.6	31.7	34.9	34.9	
H	255	380	440	500	545	695	730	845	1200	1390	1580
ØW	200	250	250	300	350	350	450	450	600	760	760

All Dimensions Are In mm

Testing Standard : API 598

Test Pressure in PSIG/BAR/KG./CM²

Test	Hydrostatic		
Pr. Rating	600#		
Body	2175	151	154
Seat	1600	111	113
Back Seat	1600	111	113



VALVES & AUTOMATION

www.nivzvalves.com

Client

Order / Enq. No.

Job / Project

Manufactured By : Nivz Valves & Automation, Ahmedabad, Gujarat, INDIA.

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Appd.

Chkd.

Drwn.

For Record

For Reference

For Approval