

Nivz Valves & Automation

Gate Valve, OS & Y Type, Rising Stem

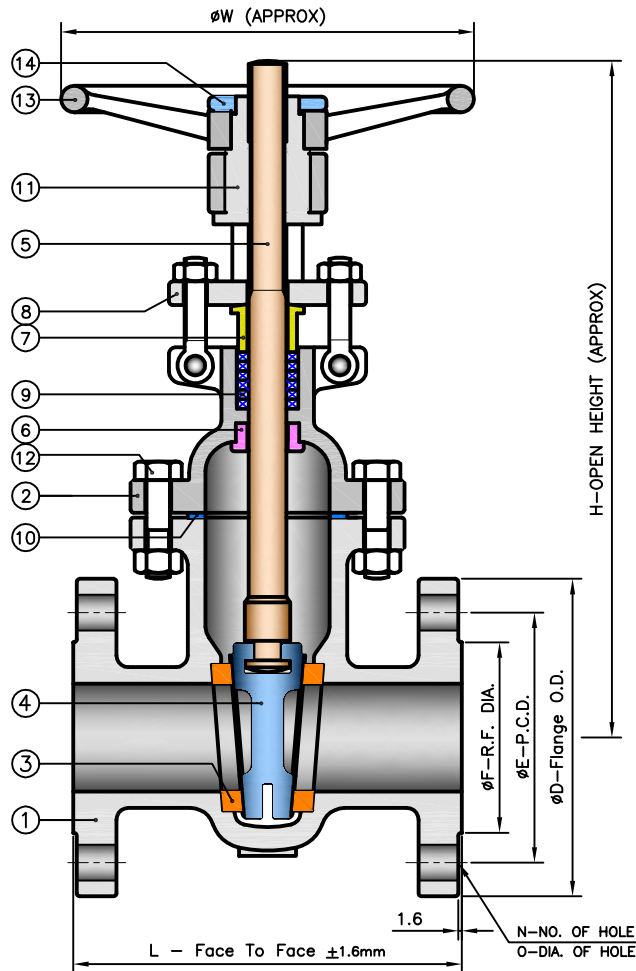
DRG. No.: **GT15/30**

00
Rev. No.

Nomenclature:-

NO.	PART NAME	MATERIAL
1	Body	CAST IRON/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	CAF/GRAPHITE ASBESTOS/SP. WOUND
11	Yoke Sleeve	C.S.
12	Bonnet Bolt & Nut	C.S./B7/2H/S.S. 304/316/304L/316L
13	Hand Wheel	CAST IRON
14	Hand Wheel Nut	C.S.

FEATURES: Size 8" & Above Yoke Provided on Bonnet



Pressure Rating : 150 #/300#
End Connection : Flanged End
Flange Drilling : ANSI B 16.5 150/300#
Face To Face : ANSI B 16.10

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]

Testing Standard : API 598

Test Pressure in PSIG/BAR/KG./CM ²		Hydrostatic			
Test	Pr. Rating	150#		300#	
		MOC	C.I.	C.S./S.S.	C.S./S.S.
Body	215	14.7	15	425	29.3
Seat	142	9.8	10	300	20.7
Back Seat	142	9.8	10	300	20.7

Design Standard : API 600
Dimensions [150 Class]

SIZE	25	40	50	65	80	100	125	150	200	250	300
L	127	165	177.8	191	203	228.6	254	266.7	292.1	330.2	355.6
ϕD	108	127	152.4	177.8	190.5	228.6	254	279	343	406	483
ϕE	79.3	98.4	120.6	139.7	152.4	190.5	215.9	241.3	298.4	362.0	431.8
ϕF	50.8	73	92.1	104.7	127.0	157.2	185.6	215.9	269.9	323.8	381
N	4	4	4	4	4	8	8	8	8	12	12
ϕO	15.8	15.8	19	19	19	19	22.2	22.2	22.2	25.4	25.4
H	230	345	370	445	485	520	685	725	1000	1250	1385
ϕW	125	200	200	255	255	292	355	355	420	420	510

Dimensions [300 Class]

SIZE	50	65	80	100	125	150	200	250	300
L	216	241	282	305	381	403	419	457	502
ϕD	165.1	190.5	209.5	254	279.4	317.5	381	444.5	520.7
ϕE	127	149.3	168.1	200.1	235	269.7	330.2	387.3	450.7
ϕF	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
ϕO	19	22.2	22.2	22.2	22.2	22.2	25.4	28.4	31.7
H	430	475	535	605	715	845	1075	1255	1430
ϕW	203	203	254	305	350	350	450	500	500

All Dimensions Are In mm

Client _____
Order / Enq. No. _____
Job / Project _____
Manufactured By : **Nivz Valves & Automation**, Ahmedabad, Gujarat, INDIA.

Do Not Copy Drawing

©COPYRIGHT

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice

Drwn. _____
Chkd. _____
Appd. _____

For Record

For Reference

For Approval