

REV. NO.	REVISION NOTE	DATE	SIGNATURE	APPROVED BY

**MANUFACTURING STANDARD**

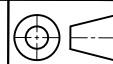
DESIGN STD.	MSS SP-81
END CONNECTION	WAFER ENDS TO SUITABLE AS PER ASME B16.5- 150#
FACE TO FACE STD.	MSS SP-81

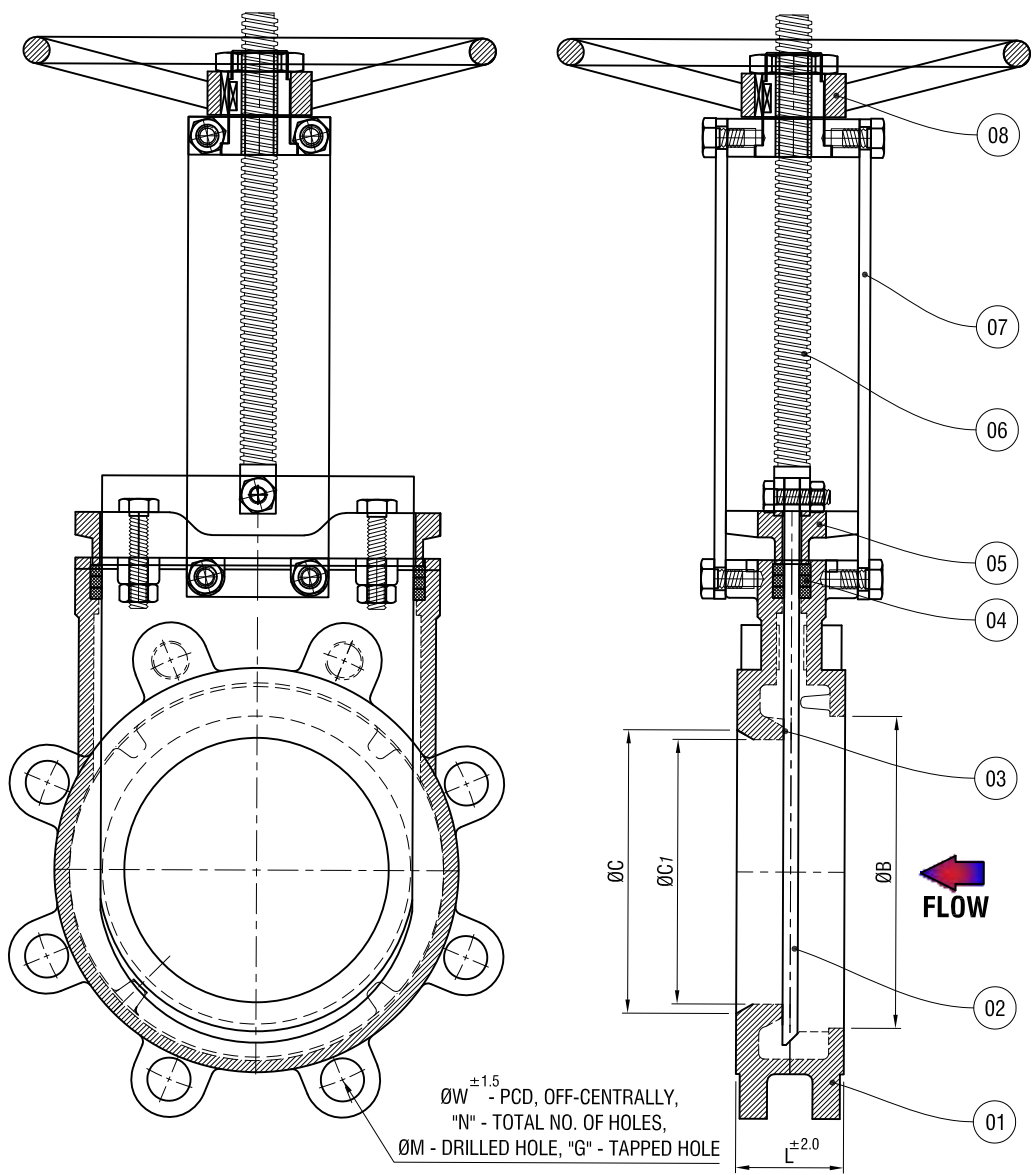
SIZE		DIMENSION TABLE			
DN	NPS	L	ØB	ØC	ØC1
150	6"	57.0	165.0	150.0	140.0

SIZE		FLANGE DRILLING & TAPPING DETAIL					
DN	NPS	ØW	ØM	⊕	G	●	"N" NO. OF HOLE
150	6"	241.5	Ø22	06	3/4" UNC x 10 TPI	02	08

SR. NO.	ITEM	MATERIAL
08	HAND WHEEL	S.G.IRON
07	YOKE	ASTM A36 - CARBON STEEL
06	STEM	ASTM A276 TYPE 316
05	GLAND FOLLOWER	ASTM A351 Gr.CF-8M
04	GLAND PACKING	BRAIDED P.T.F.E.
03	SEAT	ASTM A351 Gr.CF-8M (INTEGRAL WITH BODY)
02	KNIFE PLATE	ASTM A240 Gr.316
01	BODY	ASTM A351 Gr.CF-8M

**BILL OF MATERIAL**

<b>UTVC</b>	<b>USMANI Tubes and valves co pvt ltd</b>			 <b>THIRD ANGLE PROJECTION</b>	
	DWG.BY :- K.S.P.	DATE :- 07.09.19	PRODUCT		
	CHD.BY :- A.K.P.	DATE :- 07.09.19	<b>KNIFE GATE VALVE</b>		
APD.BY :- A.A.P.	DATE :- 07.09.19	SCALE	REVISION	SHEET	
SIZE x RATING :- <b>(DN150) x 150#</b>			N.T.S.	00	01/01
<b>DWG.NO. :- KWHUIR-(13)-B-8M-16</b>					



$\pm 1.5$   
 ØW - PCD, OFF-CENTRALLY,  
 "N" - TOTAL NO. OF HOLES,  
 ØM - DRILLED HOLE, "G" - TAPPED HOLE

♦ ALL DIMENSION ARE IN MM.

TESTING STANDARD :- MSS SP-81 / MSS SP-61	LEAKAGE RATE		TEST MEDIA
<b>HYDRO-TEST BODY</b>	10.3 BAR	150 PSI	ZERO LEAKAGE
<b>HYDRO-TEST SEAT</b>	2.8 BAR	40 PSI	40 ml/min/NPS
			AS PER APPLICATION

WE ARE HAVING CONTINUOUSLY DESIGN IMPROVEMENT AND R&D. IF, REQUIRED ANY MINOR CHANGE IN DESIGN WITHOUT AFFECTING THE FACE TO FACE DISTANCE & END FLANGE DIMENSIONS AS PER STANDARD, WE DESERVE THE RIGHT TO CHANGE ACCORDINGLY.