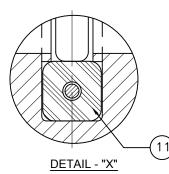
TEST	PRESSURE (psi)	DURATION	ACCEPTANCE NORM	TEST FLUID	REMARKS	]
BODY	225	60SEC	NO LEAK	WATER	BEFORE ASSEMBLY	1
SEAT	165	60SEC	NO VISIBLE LEAK	WATER	AFTER ASSEMBLY	
30" BODY	225	60SEC	NO LEAK	WATER	BEFORE ASSEMBLY	11.8" (300)
30" SEAT	165	60SEC	NO VISIBLE LEAK	WATER	AFTER ASSEMBLY	1
		HANI	9"F" D WHEEL (3"~6") Z	<u></u>	"D" - Approx—	GEAR-OP (30" ONLY) A
E' - Approx (open position) "E' - Approx (open position)				"G"	1 NO OF BLIND PPED HOLES UNC TAP x "J" DE CLUDING RAISED	13 12 9 15 15 8 8 6 6 7 7
1 1	(					

"K" NO OF TAPPED THRU

HOLES & "H" UNC TAP



	VALVE SEE	Α	В		С	D	E	F	G	н	7	к	N	s
	3	2.00	<u>6.00</u>	<u>5.</u>	ш	16.34	19.49	9.84	2	5,67-11	0.39	2	2.96	0.47
	80	51	152.5		27	<b>4</b> 15	495	250			10		75	12
	Ŧ	<u>2 III</u>	7.50	<u>6.</u>	22	<u>18.31</u>	21.26	9.84	2	5,6"-11	0.39	6	<u>+ ⊞</u>	0.47
	100	51	190.5	1	<b>88</b>	465	540	250			10		101	12
	19	2.25	9.50	_	<u>so</u>	<u>2205</u>	27.36	<u>11.75</u>	2	3/4"-10	0.43	6	<u>6.00</u>	<u>0.57</u>
	150	57	241.5	2	16	560	695	298.5			11		152	14.5
	2	2.75	11.75	<u>10</u>	<u>න</u>	<u>25.59</u>	33.27	<u>15.98</u>	2	3/4"-10	0.43	6	<u>8.00</u>	<u>0.57</u>
- 1	200	70	298.5	2	70	650	845	406			11		203	14.5
	10	2.75	14.25		.76	28.66	39,37	15.98	4	7.67-9	0.49	8	10.04	0.69
	250	70	362	3	24	7.28	1000	406			125		255	17.5
	12	300	17.00	14	.76	33.46	46.46	20.00	١,	7.67-9	0.43	8	11.97	0.69
- 1	300	76	432	3	75	850	1180	508			11		304	17.5
	14	<u>3 III</u>	<u>18.75</u>	_	26	<u> 37.60</u>	53.15	<u>20.00</u>		1*-8	<u>0.51</u>	8	<u>13.11</u>	0.75
- 1	350	76	476	_	13	955	1350	508			13		333	19
	<u>16</u>	<u>3.50</u>	21.25		<u>.so</u>	4134	58.27	<u>20.00</u>	6	1*-8	<u> </u>	10	<u>15 00</u>	<u>0.87</u>
	ŧ <b>I</b> II	89	540	+	70	1050	1480	508			16		381	22
	<u>18</u>	<u>3.50</u>	22.75	_	98	<u>45.67</u>	63.78	<u> 20 00</u>	6	1-1/8"-7	<u>0.59</u>	10	<u>16.93</u>	0.94
	450	89	578	5	33	1160	1620	508			15		430	24
	20	4.50	25.III	23	103	50.39	70.47	20.00	8	1-1/8"-7	0.75	12	18.82	0.98
	500	114	ವಕ	5	85	1280	17.90	508			19		478	25
$\wedge$	24	<b>∔</b> .50	29.50	27	24	58.46	83.66	20.00	8	1-1/4"-7	0.91	12	22.64	0.98
	600	114	749.5	6	92	1485	2125	508	Ů	1-11-4-1	23	'-	575	25
Â	30	4.62	36.00	33	.75	8100	11000	19.68	10	1-1/4"-7	0.94	18	28.74	1.12
احب	750	117	914.5	8	ទា	20157	2794	500			24		730	28.4
					16	GEAR	GEAR OPERATOR				ENCLOSED TYPE, MODEL-BG03			
15 POSITION INDICATOR						₹ _	304 STAINLESS STEEL							

14 CHEST LINER

12 YOKE SLEEVE

10 HANDWHEEL

COLLAR

11 SEAL



## ASTM A351 Gr.CF8 ST.STEEL, STEM 8 ASTM A276 TYPE 304 BOLTS (FOR YOKE) ST.STEEL 304, ASTM A193 Gr.B8 ST.STEEL, YOKE 6 ASTM A351 Gr.CF8 BOLTS & NUTS (GLAND) ST.STEEL 304, ASTM A193 Gr.B8/ASTM A194 Gr.8 ST.STEEL, GLAND ASTM A351 Gr.CF8 PTFE IMPREGNATED SYNTEX FIBRE PACKING 3 ST.STEEL, 2 GATE ASTM A240 TYPE 316 ST.STEEL, BODY ASTM A351 Gr.CF8M ITEM DESCRIPTION MATERIAL

PTFE

CAST IRON,

ST.STEEL,

ASTM A126 CL.B

ALUMINIUM BRONZE, ASTM B148, UNS C95200

SQ./REC NITRILE WITH ASTM A276 TYPE 304 WIRE REINFORCEMENT

13 THRUST NEEDLE BEARING STAINLESS STEEL

## NOTE:

- 1. ALL DIMENSIONS ARE Inch / mm
- 2. VALVE IS SHOWN IN CLOSED POSITION.
- 3. PCD, SIZE OF BOLT HOLE, NO OF BOLTS TO SUIT ANSI B16.5 CLASS 150 FLANGES
- 4. VALVE INTERNALS ARE SHOWN FOR REFERENCE ONLY
- 5. FACE TO FACE AS PER MSS SP-81

<u> </u>	AS NOTED				SC
A	AS NOTED				$\overline{}$
REV.NO	DESCRIPTION	CORRECTED BY	APPROVED	l	

This drawing is the property of FNW and should be used only for the purpose it is supplied for and should not be used for any other purpose without their expressed written permisson.							
SCALE	SIZE : 3" TO 30"	MODEL: 6800					
NTS (	TITLE:- BI-DIRECTIONAL	KNIFE GATE VALVE					

DRAWING NUMBER REV
6800\_3-30 B

NAME

PEA

DRAWN

CHD

DATE

2014.04.21