



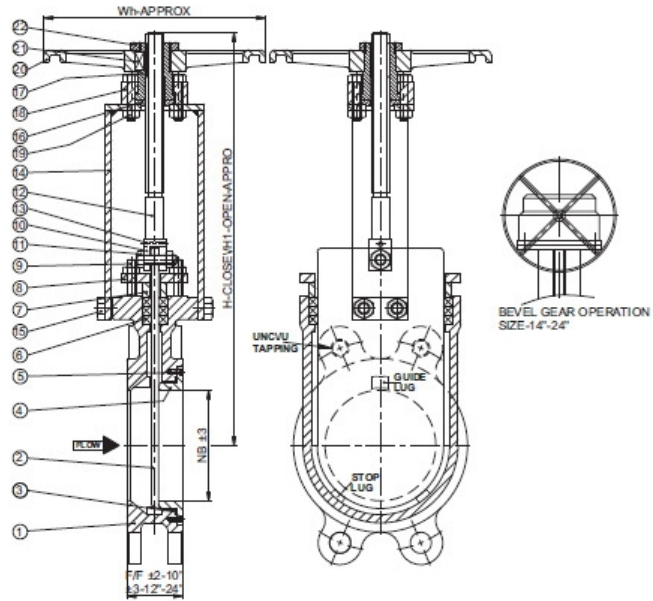
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KNIFE EDGE GATE VALVES



SR. No.	Part Name	Material	Qty.
1	Body	CI-IS 210-FG200/260	1
2	Plate	SS-410/304	1
3	Body Gasket	NITRILE RUBBER	1
4	Seat Ring	SS-410/304	1
5	Allen Cap Screw	HTS	REQ.
6	Gland Packing	PTFE IMPREGNATED	3
7	Loose Gland	MS/SG IRON	1
8	Gland Flange	MS	1
9	Body Stud / Nut	STEEL	REQ.
10	Adaptor	STEEL	1
11	Bolt / Nut	STEEL	REQ.
12	Stem	SS-410/304	2 Set
13	Dowel Pin	STEEL/SS	1
14	Bracket	MS FABRICATED	1
15	Bracket Bolt	STEEL	4
16	Trust Washer	STEEL	1
17	Stem Nut	SG IRON/MS	1
18	Housing	MS FABRICATED	1
19	Housing Bolt / Nut	STEEL	4 Set
20	Hand Wheel	SG IRON	1
21	Key	STEEL	1
22	Wheel Nut	STEEL	1

PN - 16/40 DIMENSIONS

Size - In	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
Size - mm	50	65	80	125	150	150	200	250	300	350	400	450	500	600
NB	50	63	75	125	150	150	200	250	300	335	385	435	490	590
F/F	48	50	50	57	57	57	70	70	76	76	89	89	114	114
H-Close	290	315	340	420	420	470	585	685	785	900	1010	1100	1215	1420
H1-Open	345	383	420	550	550	628	793	943	1095	1245	1405	1545	1715	2020
Wh	200	200	200	250	250	250	275	275	275	350	350	450	450	450
Wt-Kg	9	10	12	18	22	22	35	50	70	100	125	165	205	300

HYDRO TEST PRESSURE - Kg/Cm²

Seat Leakage at 3Kg Hydro Pressure	SHELL	SEAT
40CC / Inch / Minute	16Kg/Cm ²	3Kg/Cm ²

TECHNICAL DATA

Construction	: 'OS' & 'Y' Type Rising Stem & Non Rising Hand Wheel, Metal Seated, Wafer Type, Uni Directional Knife Edge Gate Valve
Design & Mfg Std	: As Per MSS-SP-81
Insp & Test Std	: As Per MSS-SP-81/MSS-SP-61
Face to Face	: As Per MSS-SP-81
End Connection	: Wafer To Suit As Per ASME B16.5 RF Flanges

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