

SLUICE VALVE WITH ISI MARK

Lehry Make Widely accepted by Municipal Corporations, Irrigation authorities, Water supply authorities, Nuclear Power Corporation and other Government and Industrial users. They are designed as per latest editions of IS Standard bearing ISI mark (for Non Rising & Rising Spindle Sluice Valves).

Application : -

- ❖ Clear water having turbidity upto 5000 ppm and Other fluids under the scope specified by IS:14846.
- ❖ May Also be designed for temp Upto 180°C subject to working pressure limitations.

Basic Features : -

- ❖ Minimum head loss across valve
- ❖ Low Torque function due to pressure finish on spindle thread.
- ❖ Service life guarantees over 1 Million Operations.

Hydro Test Pressure : -

Availability	Size Range	Manufacturing Standard and Pressure Rating	Hydro Test Pressure in Kg/Cm ²	
			Body	Seat
Standard Supply	50 to 1200mm	IS: 14846 PN 1.0	15	10
	50 to 600mm	IS: 14846 PN 1.6	24	16
Optional	700 to 1200mm	IS: 14846 PN 1.6 Dimensions as per PN 1.0, and tested to PN 1.6 Pressures	24	16
		PN 0.6 Dimensionally as per Lehry Standard	09	06
	1300mm	PN 1.0 Dimensionally as per Lehry Standard	15	10



Non Rising Spindle



Rising Spindle

Material of Construction : -

	Body / Wedge / Dome	Body / Wedge / Rings	Spindle	Stem Nut
Standard Supply	Cast Iron	Leaded Tin Bronze as per IS : 318 Gr. LTB-2	St. Steel as per IS:6603 Gr.12Cr12	Leaded Tin Bronze as per IS : 318 Gr. LTB-2
Optional	SG. Iron as per IS:1865, 2% NiCl, ASTM A 439 Type D2, Cast Steel as per IS:1030/ASTM A 216 Gr WCB	St. Steel as per IS:1570; IS:6603 ASTM A 276; BS:970 standards	High Tensile Brass; St. Steel as per IS:1570; IS:6603; ASTM A BS:970 standards	High Tensile Brass

End Connections :-

Availability	Flange Drilled Standard
Standard Supply	IS: 1538 Table 4 and 6
Optional	BS 10, Table D/E /F
	BS EN 1092.2 (BS:4504) 6, 10 and 16 Bar
	IS:1538 Table 5
	ANSI B 16.1/B 16.5, DIN 2532 (10 Bar), IS: 6392

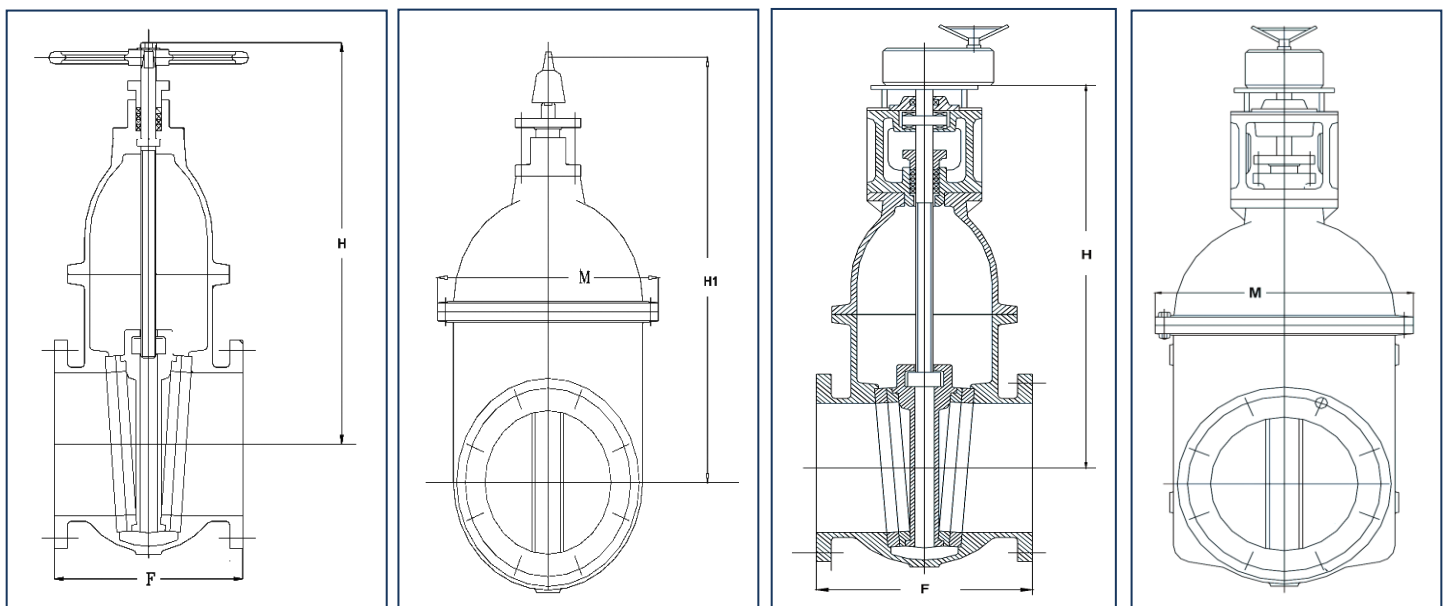
Non Rising Spindle Sluice Valve :-

Rating	Valve Size	F	M	H Approx	H1
PN 1.0 & PN 1.6	50	178	143	350	410
	65	190	214	365	425
	80	203	218	405	460
	100	229	244	460	550
	125	254	280	515	575
	150	267	312	555	630
	200	292	444	720	775
	250	330	482	810	875
	300	356	574	910	1010
	350	381	640	950	1050
	400	406	680	1005	1105
	450	432	770	1167	1267
500	457	860	1237	1337	

Valve Size	F	H Approx	M
700	610	1100	1910
750	610	1170	2025
800	660	1220	2050
900	711	1330	2240
1000	811	1450	2400
1200	810	1670	2600
1300	1016	1925	3100

With 'alternate 1' face to face dimension

With preferred face to face Dimension



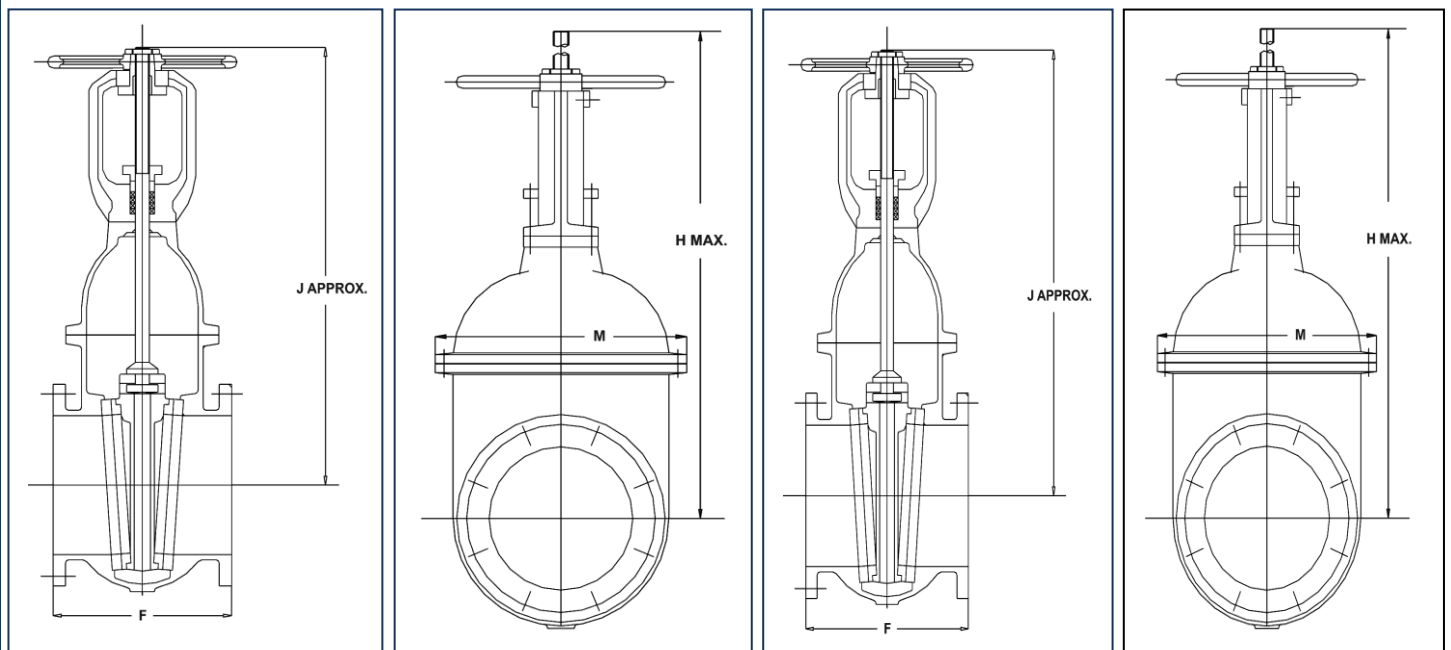
RISING SPINDLE GATE VALVES :-

Rating	Valve Size	F	M	H Approx	H1
PN 1.0 & PN 1.6	50	178	143	350	410
	65	190	214	365	425
	80	203	218	405	460
	100	229	244	460	550
	125	254	280	515	575
	150	267	312	555	630
	200	292	444	720	775
	250	330	482	810	875
	300	356	574	910	1010
	350	381	640	950	1050
	400	406	680	1860	1450
	450	432	770	2120	1600
	500	457	860	2285	1715
	600	508	940	2625	1955

Valve Size	F	H Approx	M
700	900	1100	1910
750	950	1170	2025
900	1100	1330	2240
1100	1300	1550	2650
1200	1400	1738	2950

With 'alternate 1' face to face dimension

With preferred face to face Dimension



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