

SLUICE VALVE FLANGED END - PN16

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.

Features :

- ❖ Combination of excellent design features of reputed overseas valve brands.
- ❖ Rigid and sturdy design with minimum loss of head across the valve.
- ❖ Perfect interchangeability of components.
- ❖ Assured parallelism between side flanges.
- ❖ Assured equal taper between wedge faces.
- ❖ Perfect machining and pressing of body wedge rings.
- ❖ Excellent finish on spindle thread resulting in low friction and smooth operation of valves.
- ❖ Long service life and leak-tightness even after thousands of open/ close cycles.
- ❖ Standard machined for temper switch arrangement.

Applications:

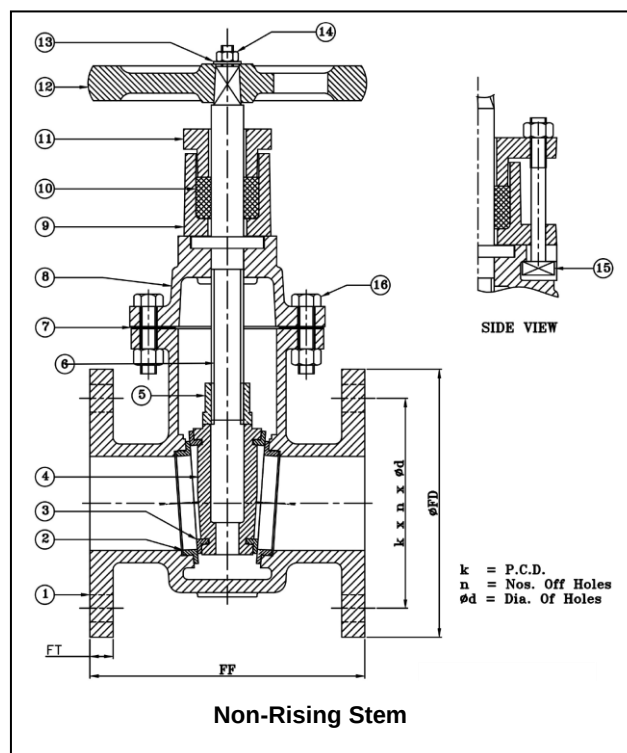
Bolted Bonnet, Inside Screw, Non-Rising Stem, Renewable Seat Ring & Body Ring Flanged End to IS: 1538
Rising Stem Handwheel Operated, Flanged end to IS: 1538

Design Standard IS:
14846 PN1.6.

Non-Rising Stem

Material of Construction

S.No.	Name of Parts	Material
1	Body	CI / DI
2	Seat Ring	Bronze
3	Wedge Ring	Bronze
4	Wedge	CI / DI
5	Wedge Nut	Bronze
6	Stem	SS.410
7	Gasket	Rubber
8	Bonnet	CI / DI
9	Stuffing Box	CI / DI
10	Packing O-Ring	Rubber
11	Gland	CI / DI
12	Handwheel / Cap	CI / DI
13	Washer	Carbon Steel IS 1363
14	Handwheel Nut / Bolt	Carbon Steel IS 1363
15	Gland Bolt & Nuts	Carbon Steel IS 1363
16	Bolt & Nut	Carbon Steel IS 1363



Dimensions

(All Dimensions are in mm)

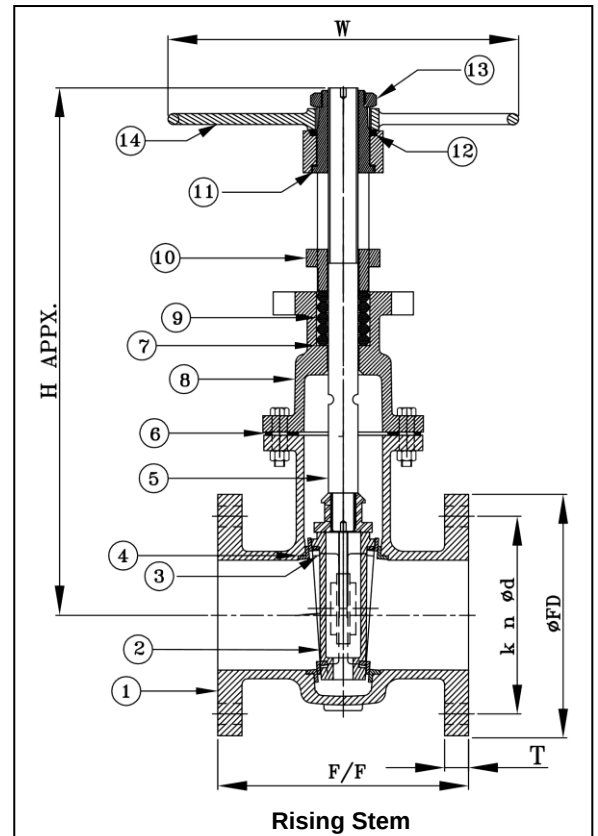
Size		FF	ØFD	FT	K	Ød	n
Inch	mm						
2"	50	178	165	16	125	19	4
2 1/2"	65	190	185	16	145	19	4
3"	80	203	200	21	160	19	4
4"	100	229	220	22	180	19	8
5"	125	254	250	22.5	210	19	8
6"	150	267	285	23	240	23	8
8"	200	292	340	24.5	295	23	8
10"	250	330	395	26	350	23	12
12"	300	356	445	27.5	400	23	12
14"	350	381	505	29	460	23	16
16"	400	406	565	30	515	28	16

Test Pressure

Body : 24 Bar Hyd
Seat : 16 Bar Hyd



Rising Stem



Material of Construction

S.No.	Name of Parts	Material
1	Body	CI / DI
2	Wedge	CI / DI
3	Body Ring	Bronze
4	Wedge Ring	Bronze
5	Stem	Stainless Steel
6	Gasket	Rubber
7	Stuffing Box	CI / DI
8	Bonnet	CI / DI
9	Packing O-Ring	Rubber
10	Gland	CI / DI
11	Yoke Bush	CI / DI
12	Bush	Teflon
13	Check Nut	CI / DI
14	Handwheel	CI / DI

Dimensions

(All Dimensions are in mm)

Size		FF	FD	K	Ød	n	T	H (appx.)
Inch	mm							
2"	50	178	165	125	19	4	16	365
2 1/2"	65	190	185	145	19	4	16	380
3"	80	203	200	160	19	4	21	410
4"	100	229	220	180	19	8	22	480
5"	125	254	250	210	19	8	23	575
6"	150	267	285	240	23	8	23	625
8"	200	292	340	295	23	8	24.5	805
10"	250	330	395	350	23	12	26	1000
12"	300	356	445	400	23	12	27	1110
14"	350	381	505	460	23	16	29	1395
16"	400	406	565	515	28	16	30	1475
18"	450	432	615	565	28	20	31	1565
20"	500	457	670	620	28	20	33	1792
24"	600	508	780	725	31	20	36	1964

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