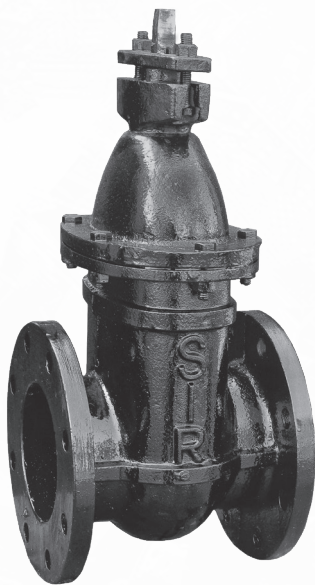


SLUICE VALVE

Product Code: SIR-01/SV



IS:14846



DIMENSIONS IN MM

DN Size	L	B	D	A	H/w PN1.0	Dia. PN1.6
50	178	16	165	365	225	280
65	190	16	185	380	225	280
80	203	21	200	425	225	280
100	229	22	220	470	320	360
125	254	22.5	250	485	320	360
150	267	23	285	595	320	360
200	292	24.5	340	725	360	450
250	330	26	395	835	400	640
300	356	27.5	445	910	400	640
350	381	29	505	1020	500	640
400	406	30	565	1110	640	730
450	432	31.5	615	1200	720	800
500	457	33	670	1300	720	800
600	508	36	780	1500	720	800
700	On Request	On Request	On Request	On Request	On Request	On Request

TOLERANCES AS PER IS 14846:2000

DESCRIPTION

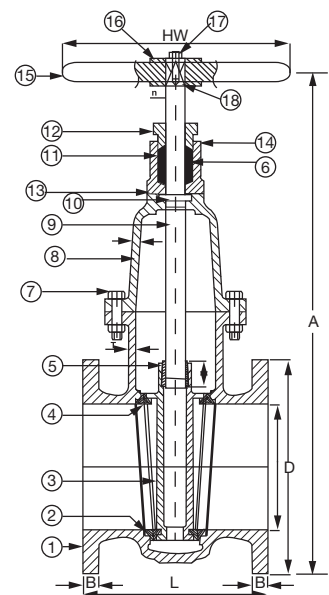
Cast Iron Double Flanged Sluice Valves as per IS 14846 : 2000 with G.M. Internals and IS:6603 12CR13 S.S. Spindle drilled as per IS:1538 with body design preferred dimensions (PD) type. These valves can be supplied with S.S. Working parts.

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure	
			Body	Seat
Standard Supply	50 to 700 mm	IS:14846 PN 1.0	15 Kg./cm ²	10 Kg./cm ²
	50 to 300 mm	IS:14846 PN 1.6	24 Kg./cm ²	16 Kg./cm ²

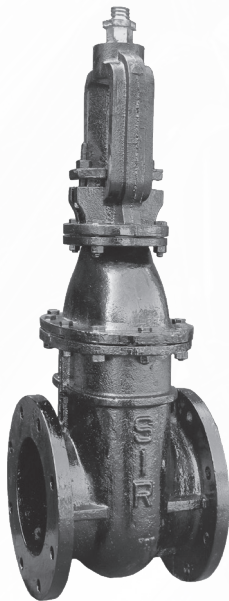
MATERIALS

S.No.	Name of Parts	Material	Specification
1.	Body	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
2.	Body Seat Ring	Leaded Tin Bronze	IS:318 LTB2
3.	Wedge	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
4.	Wedge Ring	Leaded Tin Bronze	IS:318 LTB2
5.	Wedge Nut	Leaded Tin Bronze	IS:318 LTB2
6.	Gasket	Rubber	IS:638 Type-B
7.	Bolts & Nuts	Carbon Steel	IS:1363
8.	Bonnet	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
9.	Stem	Stainless Steel	IS:6603 12Cr12
10.	Bolts & Nuts	Carbon Steel	IS:1363
11.	Gasket	Rubber	IS:638 Type-B
12.	Stuffing Box	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
13.	Packing	Asbestos	IS:4687
14.	Gland	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
15.	Hand Wheel	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
16.	Washer	Mild Steel	
17.	Bolts	Carbon Steel	IS:1363
18.	Bolts & Nuts	Carbon Steel	IS:1363



SLUICE VALVE RISING

Product Code: SIR-02/RSV



DIMENSIONS IN MM

DN Size	L	B	D
50	178	16	165
65	190	16	185
80	203	21	200
100	229	22	220
125	254	22.5	250
150	267	23	285
200	292	24.5	340
250	330	26	395
300	356	27.5	445
350	381	29	505
400	406	30	565
450	432	31.5	615
500	457	33	670
600	508	36	780

TOLERANCES AS PER IS 14846:2000

DESCRIPTION

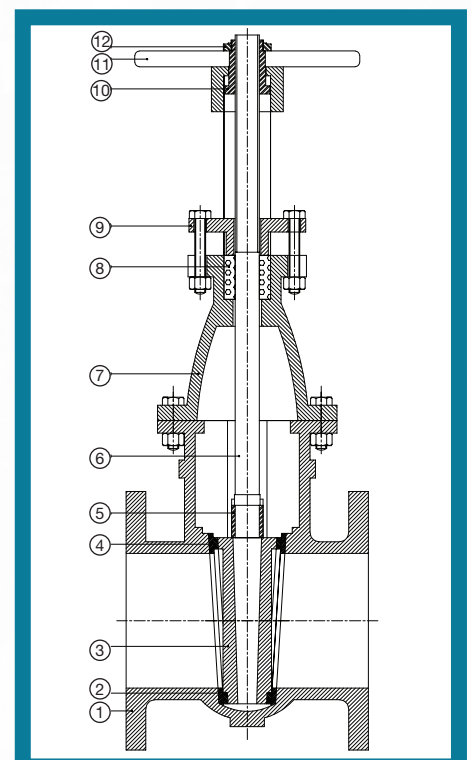
Cast Iron double flanged Sluice Valves with Rising Spindle as per IS 14846 : 2000 with G.M internals and IS:6603 12Cr13 S.S. spindle drilled as per IS:1538 with body design Preferred Dimensions (PD) type. These valves can be supplied with S.S. working parts

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure	
			Body	Seat
Standard Supply	50 to 600 mm	IS:14846 PN 1.0	15 Kg./cm ²	10 Kg./cm ²
	50 to 300 mm	IS:14846 PN 1.6	24 Kg./cm ²	16 Kg./cm ²

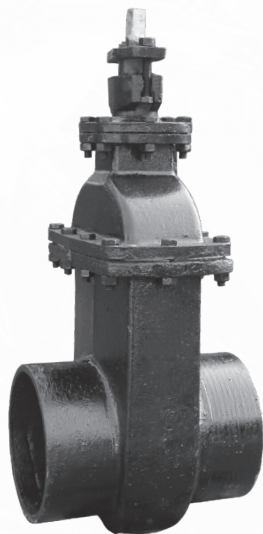
MATERIALS

S.No.	Name of Parts	Material
1.	Body	C.I/D.I
2.	Seat	Bronze
3.	Wedge	C.I/D.I
4.	Wedge Ring	Bronze
5.	Stem Nut	Bronze
6.	Stem	S.S-304
7.	Bonnet	C.I/D.I
8.	Gland Packing	Graphited Asbestos
9.	Gland Flange	C.I/D.I
10.	Stem Guide	Bronze
11.	Hand Wheel	C.I/D.I
12.	Hand Wheel Nut	Bronze



PLAIN ENDED SLUICE VALVE

Product Code: SIR-03/SVPE



DIMENSIONS IN MM

DN Size	L	H/w Dia. PN1.0
50	178	225
65	190	225
80	203	225
100	229	320
125	254	320
150	267	320
200	292	360
250	330	400
300	356	400

TOLERANCES AS PER IS 14846:2000

DESCRIPTION

Cast Iron Plain Ended Sluice Valves with G.M. Internals and IS:6603 12Cr13 S.S. Spindle. These valves can be supplied with S.S. Working parts.

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure	
			Body	Seat
Standard Supply	50 to 300 mm	PN 1.0	15 Kg./cm ²	10 Kg./cm ²

MATERIALS

S.No.	Name of Parts	Material	Specification
1.	Body	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
2.	Body Seat Ring	Leaded Tin Bronze	IS:318 LTB2
3.	Wedge	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
4.	Wedge Ring	Leaded Tin Bronze	IS:318 LTB2
5.	Wedge Nut	Leaded Tin Bronze	IS:318 LTB2
6.	Gasket	Rubber	IS:638 Type-B
7.	Bolts & Nuts	Carbon Steel	IS:1363
8.	Bonnet	Cast Iron	IS:210 Gr.FG 200
9.	Stem	Stainless Steel	IS:6603 12Cr12
10.	Bolts & Nuts	Carbon Steel	IS:1363
11.	Gasket	Rubber	IS:638 Type-B
12.	Stuffing Box	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
13.	Packing	Asbestos	IS:4687
14.	Gland	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
15.	Hand Wheel	Cast Iron/S.G. Iron	IS:210 Gr.FG 200
16.	Washer	Mild Steel	
17.	Bolts	Carbon Steel	IS:1363
18.	Bolts & Nuts	Carbon Steel	IS:1363

