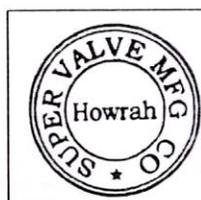


PN-1.0

	1200	811 ⁺⁵	2580	1000	87	1455	53	1380	32	40
-	1100	811 ⁺⁵	2450	1000	87	1340	50	1270	32	37
-	1000	811 ⁺⁵	2200	900	77	1230	47	1160	28	37
-	900	711 ⁺⁵	2080	900	77	1115	44	1050	28	34
-	800	660 ⁺⁴	1930	900	67	1015	41.5	950	24	34
-	750	610 ⁺⁴	1780	900	67	960	40	900	24	31
-	700	610 ⁺⁴	1670	800	62	895	38.5	840	24	31
-	600	508 ⁺³	1500	720	47	780	36	725	20	31
-	500	457 ⁺³	1300	720	47	670	33	620	20	28
-	450	432 ⁺³	1200	720	47	615	31.5	565	20	28
-	400	406 ⁺³	1110	640	42	565	30	515	16	28
-	350	381 ⁺³	1020	500	37	505	29	460	16	23
-	300	356 ⁺³	910	400	36	445	27.5	400	12	23
-	250	330 ⁺³	835	400	36	395	26	350	12	23
-	200	292 ⁺²	725	360	32	340	24.5	295	8	23
-	150	267 ⁺²	595	320	27	285	23	240	8	23
-	125	254 ⁺²	485	320	27	250	22.5	210	8	19
-	100	229 ⁺²	470	320	27	220	22	180	8	19
-	80	203 ⁺²	425	225	22	200	21	160	4	19
-	65	190 ⁺²	380	225	22	185	16	145	4	19
-	50	178 ⁺²	365	225	22	165	16	125	4	19
QTY.	NB	A	H	ØW	ØS	ØD	T	ØC	n	Øh
No of Valve	Valve Size	Face to Face	CL. to Top of H/Wheel	H/Wheel Dia	Stem Dia.	Flange Dimensions				

0	-	P.ROY	11.07.14	ISSUED FOR APPROVAL
DOE NO	REV	APPROVED BY	DATE	PARTICULARS
REFERENCE DRAWING/DOC.			REVISION	



MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIALS	SPECIFICATIONN
1	BODY	CAST IRON	IS:210, Gr. FG. 200
2	BONNET		
3	WEDGE		
4	GLAND		
5	COVER / STUFFING BOX		
6	THRUST PLATE		
7	HAND WHEEL	L.T BRUNZE	IS:318, LTB-2
8	BODY SEAT RING		
9	WEDGE SEAT RING	STAINLESS STEEL	AISI-410
10	WEDGE NUT		
11	STEM		
12	GLAND PACKING	JUTE & HEMP	IS:5414
13	BONNET GASKET	RUBBER	IS:638, TYPE-B
14	BOLTS & NUTS	CARBON STEEL	IS:1367, CL- 4.6 & CL- 4.0
15	SET SCREW	CARBON STEEL	IS:1367, CL- 4.6

HYDROSTATIC TEST PRESSURE FOR PN-1.0

BODY TEST PRESSURE :- 15 Kg./Cm²(g) WITH WATER DURATION 5 MIN.

SEAT TEST PRESSURE :- 10 Kg./Cm²(g) WITH WATER DURATION 2 MIN.

(APPROVAL STAMP)

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - SLUICE VALVE AS PER IS:14846/2000,(PD TYPE) NON-RISING TYPE.
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Table-4 & 6).
 - VALVE SHOULD CLOSED WITH CLOCKWISE ROTATION OF HAND WHEEL OPERATION DIRECTION OF 'OPEN' & 'SHUT' INDICATION SHOULD BE MARKED ON HAND WHEEL
 - No. OF RIBS ON BODY & BONNET WILL BE ACCORDING TO VALVE SIZE.
 - PAINTING:- ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT
 - MARKING:- BRAND NAME/SIZE/PN-RATING/HEAT NO / SL. NO.

CLIENT'S REF.

PROJECT	*
P.O. NO.	*
CONTRACTOR	*
PURCHASER	*

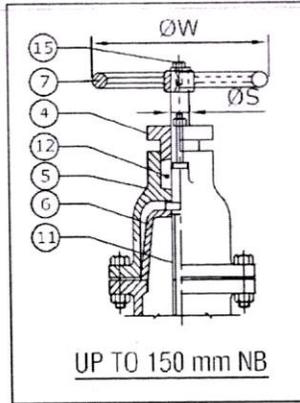
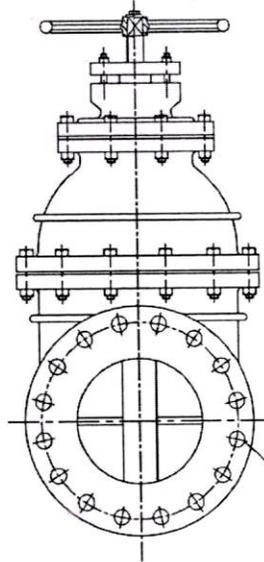
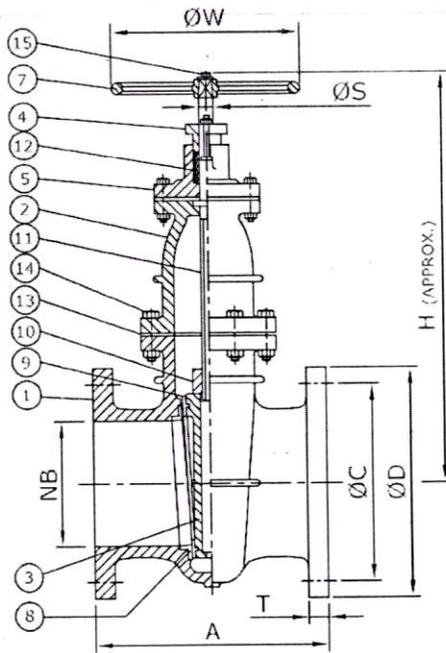
SUPER

	2014	INITIAL	DATE
DRAWN	S.PAL		02.07.2025
CHECKED	S.DAS		02.07.2025
APPROVED	P.HAZRA		02.07.2025
JOS No.	STD		SCALE: N.T.S

TITLE:- CIDF HAND WHEEL OPERATED NON-RISING STEM SLUICE VALVE.

DRAWING No.: SVMC/SV/01/25-26

REV. 0

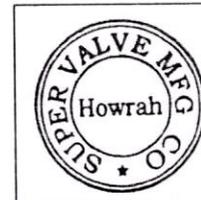


n = No OF HOLES
 Øh = HOLE DIA ON
 P.C.D OFF CNS

PN-1.6

QTY.	NB	A	H	ØW	ØS	ØD	T	ØC	n	Øh
-	600	508 ±3	1500	800	57	780	36	725	20	31
-	500	457 ±3	1300	800	52	670	33	620	20	28
-	450	432 ±3	1200	800	52	615	31.5	565	20	28
-	400	406 ±3	1110	730	47	565	30	515	16	28
-	350	381 ±3	1020	640	42	505	29	460	16	23
-	300	356 ±3	910	640	36	445	27.5	400	12	23
-	250	330 ±3	835	640	36	395	26	350	12	23
-	200	292 ±2	725	450	32	340	24.5	295	8	23
-	150	267 ±2	595	360	27	285	23	240	8	23
-	125	254 ±2	485	360	27	250	22.5	210	8	19
-	100	229 ±2	470	360	27	220	22	180	8	19
-	80	203 ±2	425	280	22	200	21	160	4	19
-	65	190 ±2	380	280	22	185	16	145	4	19
-	50	178 ±2	365	280	22	165	16	125	4	19

Doc No	0	-	P.ROY	11.07.14	ISSUED FOR APPROVAL
REFERENCE DRAWING/DOC.	REV	ZON	APPROVED BY	DATE	PARTICULARS
			REVISION		



MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIALS	SPECIFICATION		
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8	BODY SEAT RING				
9	WEDGE SEAT RING				
10	WEDGE NUT	STAINLESS STEEL	AISI-410		
11	STEM				
12	GLAND PACKING			JUTE & HEMP	IS:5414
13	BONNET GASKET			RUBBER	IS:638, TYPE-B
14	BOLTS & NUTS			CARBON STEEL	IS:1367, CL- 4.6 & CL- 4.0
15	SET SCREW	CARBON STEEL	IS:1367, CL- 4.6		

HYDROSTATIC TEST PRESSURE FOR PN-1.6

BODY TEST PRESSURE :- 24 Kg./Cm²(g) WITH WATER DURATION 5 MIN.

SEAT TEST PRESSURE :- 16 Kg./Cm²(g) WITH WATER DURATION 2 MIN.

(APPROVAL STAMP)

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - SLUICE VALVE AS PER IS:14846/2000. (PD TYPE) NON-RISING TYPE.
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS:1538 (Table-4 & 6).
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 - No. OF RIBS ON BODY & BONNET WILL BE ACCORDING TO VALVE SIZE.
 - PAINTING - ALL VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT
 - MARKING:- BRAND NAME/SIZE/PN-RATING/HEAT NO / SL. NO.

CLIENT'S REF.	PROJECT	*
	P.O. NO.	*
	CONTRACTOR	*
	PURCHASER	*

SUPER

	2014	INITIAL	DATE
DRAWN	S.PAL		02.07.2025
CHECKED	S.DAS		02.07.2025
APPROVED	P.HAZRA		02.07.2025
	JOS No		SCALE N.T.S
	STD		

TITLE:- CIDF HAND WHEEL OPERATED NON-RISING STEM SLUICE VALVE.

DRAWING No.: SVMC/SV/02/25-26

REV. 0