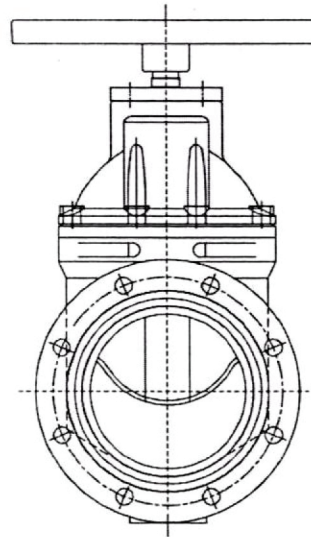
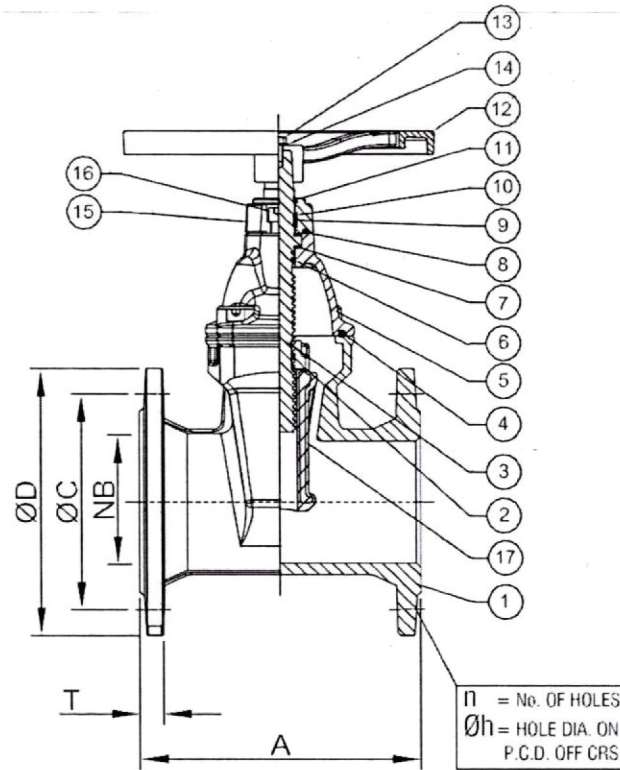




PN-16

*	*	300	356 ±3	460	24.5	400	12	23
*	*	250	330 ±3	405	22	350	12	23
*	*	200	292 ±2	340	20	295	8	23
*	*	150	267 ±2	285	19	240	8	23
*	*	125	254 ±2	250	19	210	8	19
*	*	100	229 ±2	220	19	180	8	19
*	*	80	203 ±2	200	19	160	4	19
*	*	65	190 ±2	185	19	145	4	19
*	*	50	178 ±2	165	19	125	4	19
-	Nos.	NB	A	ØD	T	ØC	n	Øh
SL. No.	QTY.	VALVE SIZE	FACE TO FACE	FLANGE DIMENSIONS				

		0		P.ROY	27.11.2020	ISSUED FOR APPROVAL
		REV	/ONE	APPROV BY	DATE	PARTICULARS
REFERENCE DRAWING		REVISION				



MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	DUCTILE IRON	DIN:1893 Gr GG-50
2	WEDGE NUT	BRASS	BS 2874 Gr. C2122
3	STEM	STAINLESS STEEL	AISI-420
4	GASKET	RUBBER	EPDM
5	BONNET	DUCTILE IRON	DIN:1893 Gr GG-50
6	O-RING	RUBBER	NBR
7	BUSH	PLASTIC	PC
8	O-RING	RUBBER	NBR
9	BUSH	PLASTIC	PC
10	O-RING	RUBBER	NBR
11	DUST WIPER	RUBBER	NBR
12	HAND WHEEL	CARBON STEEL	-
13	HEX BOLT	CARBON STEEL (GALVANIZED)	-
14	WASHER	CARBON STEEL (GALVANIZED)	-
15	GLAND	DUCTILE IRON	DIN:1893 Gr GG-50
16	IN HEX BOLT	CARBON STEEL (GALVANIZED)	-
17	WEDGE	DUCTILE IRON + VULCANIZED RUBBER	DIN:1893 Gr GG-50 VULCANIZED WITH EPDM

HYDROSTATIC TEST PRESSURE FOR PN-16

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

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

NOTES	1.	ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
	2.	FACE TO FACE DIMENSION OF SLUICE VALVE AS PER IS:14846/2000 (PD TYPE).
	3.	FLANGE ENDS SHALL BE DRILLED TO IS:1538. FLANGE OUT DIA. AND FLANGE THICKNESS AS PER BS EN 1092-2 (Table-9).
	4.	TOLERANCE SHALL BE APPLICABLE AS PER STANDARD PRACTICE.
	5.	VALVE SHOULD BE CLOSED WITH CLOCKWISE ROTATION OF HAND WHEEL OPERATION DIRECTION OF OPEN & SHUT INDICATION SHOULD BE MARKED ON HAND WHEEL.
	6.	VALVES WILL BE PAINTED WITH EPOXY POWDER COATED OF 250 MICRONS BOTH INSIDE & OUTSIDE.
	7.	MARKING - BRAND NAME / SIZE / PN-RATING / HEAT NO. / SL NO.
CLIENT'S REF	PROJECT	-
	P.O. NO.	-
	CONTRACTOR	-
	PURCHASER	-

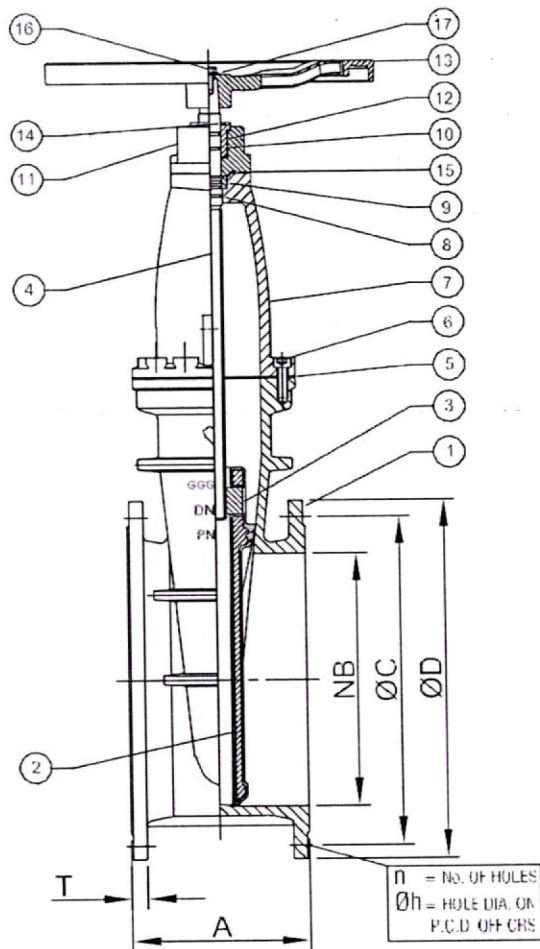
SUPER

TITLE: DIDF MANUALLY HAND WHEEL OPERATED RESILIENT SEATED GATE VALVE.

DRAWING NO.: SVMC/SV/03/25-26

REV. 0

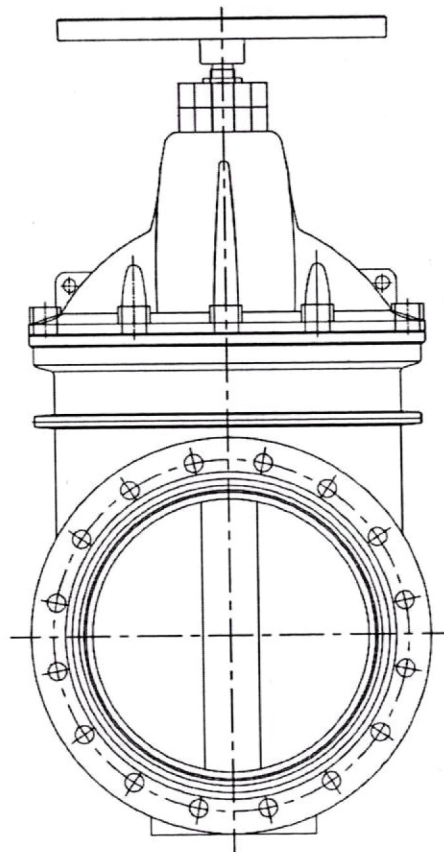
	2020	INITIAL	DATE
DRAWN	S. DAS		03.07.2025
CHECKED	S. PAL		03.07.2025
APPROVED	P. HAZRA		03.07.2025
	ENQ No.		SCALE: N.T.S.
	ENQ-302		



PN-16

*	*	600	508 ±3	840	36	725	20	31
*	*	500	457 ±3	715	31.5	620	20	28
*	*	450	432 ±3	640	30	565	20	28
*	*	400	406 ±3	580	28	515	16	28
*	*	350	381 ±3	520	26.5	460	16	23
-	Nos.	NB	A	ØD	†	ØC	n	Øh
SL. No.	QTY.	VALVE SIZE	FACE TO FACE	FLANGE DIMENSIONS				

		0	-	P.ROY	27.11.2020	ISSUED FOR APPROVAL
		REV	ZONE	APPROVED BY	DATE	PARTICULARS
REFERENCE DRAWING		REVISION				



MATERIALS OF CONSTRUCTION

ITEM	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	DUCTILE IRON	DIN 1693 Gr GGG-50
2	WEDGE	DUCTILE IRON + VULCANIZED RUBBER	DIN 1693 Gr GGG-50 VULCANIZED WITH EPDM
3	WEDGE NUT	BRASS	BS 2874 Gr. CZ122
4	STEM	STAINLESS STEEL	AISI 420
5	GASKET	RUBBER	EPDM
6	IN HEX BOLT	CARBON STEEL	GALVANIZED
7	BONNET	DUCTILE IRON	DIN 1693 Gr GGG-50
8	O-RING	RUBBER	NBR
9	HOLDING RING	BRASS	BS 2874 Gr. CZ122
10	O-RING	RUBBER	NBR
11	GLAND	DUCTILE IRON	DIN 1693 Gr GGG-50
12	SEALING NUT	BRASS	BS 2874 Gr. CZ122
13	HAND WHEEL	CARBON STEEL	-
14	DUST WIPER	RUBBER	NBR
15	GASKET	RUBBER	EPDM
16	HEX BOLT	CARBON STEEL (GALVANIZED)	-
17	WASHER	CARBON STEEL (GALVANIZED)	-

HYDROSTATIC TEST PRESSURE FOR PN-16

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

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

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - FACE TO FACE DIMENSION OF SLUICE VALVE AS PER IS:14846/2000 (PD TYPE).
 - FLANGE ENDS SHALL BE DRILLED TO IS:1538. FLANGE OUT DIA. AND FLANGE THICKNESS AS PER BS EN 1092-2 (Table-9).
 - TOLERANCE SHALL BE APPLICABLE AS PER STANDARD PRACTICE.
 - VALVE SHOULD BE CLOSED WITH CLOCKWISE ROTATION OF HAND WHEEL OPERATION DIRECTION OF OPEN & SHUT INDICATION SHOULD BE MARKED ON HAND WHEEL.
 - VALVES WILL BE PAINTED WITH EPOXY POWDER COATED OF 250 MICRONS BOTH INSIDE & OUTSIDE.
 - MARKING - BRAND NAME / SIZE / PN-RATING / HEAT NO. / SL. NO.

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

SUPER



TITLE: DIDF MANUALLY HAND WHEEL OPERATED RESILIENT SEATED GATE VALVE.

DRAWING NO.: SVMC/SV/04/25-26

REV. 0

	2020	INITIAL	DATE
DRAWN	S. DAS		03.07.2025
CHECKED	S. PAL		03.07.2025
APPROVED	P. HAZRA		03.07.2025
END NO.	ENQ-302		SCALE: N.T.S