



SIZE (N.B.)	FACE TO FACE	STEM DIA.	FLANGE O.D.	P.C.D	FLANGE THICK.	NO.OF. HOLES	DIA.OF. HOLES
MM	" L"	S	D	C	T	N	d
1300	700 ±5	85	1626	1537	46	36	43
1400	876 ±5	97	1675	1590	46	36	44
1500	760 ±5	97	1785	1700	47.5	36	44
1600	820 ±5	97	1915	1820	49	40	50
1700	820 ±5	107	2015	1920	50	40	50
1800	950 ±5	115	2115	2020	52	44	50
1900	970 ±5	120	2220	2120	55	44	50
2000	1000 ±5	130	2325	2230	55	48	50

MATERIAL OF CONSTRUCTION

SL.NO.	DESCRIPTION	NO.OFF	MATERIAL & SPECIFICATION
1	BODY	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
2	MIDDLE PIECE	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
3	DOME	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
4	MOUNTAIN	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
5	THRUST BASE	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
6	WEDGE	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
7	GLAND	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
8	STEM // SPINDLE	1	S.S. (IS:6603 Gr.12 Cr.12) / S.S. AISI - 410
9	BODY SEAT RING	2	L.T. BRONZE, IS:318, Gr. LTB - 2
10	WEDGE FACING RING	2	L.T. BRONZE, IS:318, Gr. LTB - 2
11	WEDGE NUT	1	L.T. BRONZE, IS:318, Gr. LTB - 2
12	BOLT & NUT (BODY + MP)	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
13	BOLT & NUT (MP + DOME)	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
14	BOLT & NUT (DOME+MTN)	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
15	BOLT & NUT (MTN.+T.B.)	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
16	FT. BOLT (GEARBOX)	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
17	EYE BOLT & NUT	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
18	BOLT & NUT FOR EYE BOLT	AS REQD	CARBON STEEL,IS:1363,CL 4.6/4.0 (IS:1367)
19	THRUST BEARING	2	" SKF " OR EQUIVALENT MAKE
20	GLAND PACKING	AS REQD	JUTE & HEMP, IS : 5414.
21	KEY	1	CARBON STEEL. BS : 970, GR.- EN 9 (H & T)
22	GASKET (BODY + MP)	1	RUBBER, IS : 638, TYPE - B.
23	GASKET (MP +DOME)	1	RUBBER, IS : 638, TYPE - B.
24	GASKET (DOME + MTN.)	1	RUBBER, IS : 638, TYPE - B.
25	AIR PLUG	1	STAINLESS STEEL.
26	GREASE NIPPLE	1	STAINLESS STEEL.
27	GEARBOX (SPUR / BEVEL)	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.
28	HANDWHEEL	1	S. G. IRON, IS : 1865, GRADE - 500 / 7.

VALVE TYPE	SLUICE VALVE	RATING	PN - 0.6 MPa.
NON-RISING SPINDLE	SERVICE		WATER
MFG. STD.	NEAREST TO IS - 14846	WORKING PRESSURE	6 Kg / Cm ²
END CONNECTION	EN : 1092 - 2, TABLE - 8.	WORKING TEMP.	AMBIENT
END FACE	FLAT FACE	HYDRO TEST PRESSURE (Kg/Cm ²)	HYDRO TEST DURATION
BASIC MATERIAL	DUCTILE IRON / S. G. IRON.	BODY	9 Kg / Cm ² BODY 5 MINUTE
TRIM MATERIAL	L.T. BRONZE	SEAT	6 Kg / Cm ² SEAT 2 MINUTE

- NOTES:-**
- ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.
 - TOLERANCE WHEREVER NOT SPECIFIED TO BE CONSIDERED ±2% OF SPECIFIED DIMENSION.
 - OPERATION : GEAR WITH ACTUATOR OPERATING.
 - FLANGE DRILLING STD. AS PER EN 1092-2 / BS: 4504 / IS: 9523 AS PER CLIENT REQUIREMENTS.
 - FACE TO FACE , STEM DIA & END CONNECTION / FLANGE DRILLING DIMENSION IS AS PER NEAREST IS: 14846 or MANUFACTURES STD SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
 - TOLERANCE SHALL BE CONFORMING AS PER RELEVANT SPECIFICATION.
 - AS PER RELEVANT SPECIFICATION/ CLIENT REQUIREMENT.
 - MARKING(CAST/PLATE/PUNCHED):-UPADHAYA/SIZE/RATING/HEAT NO.

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UPADHAYA VALVES MFRS PVT LTD
 23A, NETAJI SUBHAS ROAD, KOLKATA-700001.(INDIA)

DRN	NAME	DATE
ANAND		01.04.24
CHD.		
APPD.		
SCALE :-N.T.S.		
		DRG.NO:U/GVAL-MG- 00
		SHT 1 OF 1
		REV.-00

TITLE: MANUALLY OPERATED, S.G. IRON, DOUBLE FLANGED, INSIDE SCREW, NON-RISING STEM, BOLTED BONNET, SOLID & TAPER WEDGE **SLUICE VALVE** NEAREST TO IS : 14846 - 2000, PN - 0.6 MPa. RATING, FITTED WITH SPUR / BEVEL GEAR BOX.