



FRONT VIEW OF STAINLESS STEEL SLUICE GATE AFTER INSTALLATION

SIDE VIEW WITH CUT SECTION OF WALL FOR COVENTIONAL BOTTOM CLOSURE GATE

SIDE VIEW WITH CUT SECTION OF WALL FOR FLUSH BOTTOM CLOSURE GATE

16	UPPER PLATE	HDPE
15	LOWER PLATE	HDPE
14	END CAP FOR SPINDLE CONNECTION	ASTM A216 WCB
13	SIDE GUIDE	
12	TOP SEAL SUPPORT	HDPE
11	OVER TRAVEL STOP	
10	STEM	STAINLESS STEEL BS EN 1.4301 (304)
09	TOP SEAL	
08	SIDE SEAL	EPDM RUBBER
07	FLUSH BOTTOM RUBBER SEAL	
06	THRUST NUT	LEADED GUN METAL BS EN-1982 LG2
05	BOTTOM SEAL RETAINER	
04	TOP SEAL RETAINER	
03	SIDE SEAL RETAINER	STAINLESS STEEL BS EN 1.4301 (304)
02	SHUTTER	
01	FRAME	
Sr.	DESCRIPTION	MATERIAL

NOTES :-
 (1) ALLOWABLE DEVIATION FOR DIMENSIONS WITHOUT SPECIFIED TOLERANCES TO BE AS PER IS : 2768.
 (2) ALL FASTENERS (NUTS, BOLTS & WASHERS) FOR GATE ASSEMBLY TO BE OF STAINLESS STEEL TYPE 304.
 (3) ALL STAINLESS STEEL FABRICATED PARTS TO BE BLAST CLEANED TO REMOVE SURFACE CONTAMINATION AND THEREAFTER PICKLED AND PASSIVATED.
 (4) ADHESIVE CAPSULE/CHEMICAL CAPSULE & CHEMICAL ANCHOR FASTENERS TO BE ARRANGED BY CLIENT
 (5) APPROX. OUTER DIMENSIONS OF GATE ASSLY IS 626 x 1123 x 120mm

REV	DATE	DESCRIPTION	REV.BY	CHD.BY
R6	23-02-24	SHUTTER MODIFIED	AR	SJ
R5	15-02-22	REVISION AS PER MARKED	AR	SJ
R4	28-01-20	END CAP UPDATED	GDC	SA
R3	24-10-19	DIM. 204 & 84 ADDED.		SA
R2	28-11-17	THRUST NUT MATERIAL CHANGED		SA
R1	24-6-17	SECTIONAL VIEW ADDED		SA

DRAWN BY: Basant
 PROJECT: _____
 CHECKED BY: D.K.
 CLIENT NAME: _____
 APPROVED BY: D.K.
 LOCATION: _____
 GENERAL TOLERANCES:
 MACHINING: ±0.2mm
 DIMS: <1000mm ±1.5mm
 DIMS: >1000mm ±2.0mm
 FIRST ANGLE PROJECTION
 DO NOT SCALE FROM THIS DRAWING
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TITLE:
 DETAILS OF STAINLESS STEEL FACE WALL MOUNTING, UPWARD OPENING, SELF CONTAINED, NON-RISING SPINDLE, RESILIENT SEATED. SLUICE GATE SUITABLE FOR 6M SEATING AND UNSEATING WATER HEAD. GATE SIZE 406 SQ.
 DRAWING NUMBER:
 JE/SG/GAC/FBF/10370
 REV NUMBER: R6
 MATERIAL: SEE MATERIAL NOTES
 SHEET NUMBER 1 OF 1