



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 EN 1.4401 (316)
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 EN 1.4401 (316)
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 EN 1.4401 (316)
 (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 931 x 1808 x 125mm
 (6) REFER DRG. NO. JE/SG/GEN/1491-R1 FOR SECTIONAL DETAILS.

WATERFRONT FLUID CONTROLS
 MARITIME HOUSE (SUITE 8),
 143 WOODVILLE ST, GLASGOW, G51 2RQ
 WEB: www.waterfrontfc.co.uk
 TEL: (44) 0141-445-3781
 FAX: (44) 0141-445-5101

REV	DATE	DESCRIPTION	REV. BY	CHD. BY
(R3)	28.01.20	END CAP UPDATED & FRAME HOLES QTY. CHANGE	GDC	SA
(R2)	25.10.19	DIM. 210 & 86 ADDED.	BP	SA
R1	19.03.19	02 NOS TOP SIDE HOLES ADDED	BP	SA

DRAWN BY: S.S.V.
 CHECKED BY: D.K.
 APPROVED BY: D.K.

PROJECT: ----
 CLIENT NAME: ----
 LOCATION: ----

GENERAL TOLERANCES:
 MACHINING: ±0.2mm
 DIMS: <1000mm ±1.5mm
 DIMS: >1000mm ±2.0mm

FIRST ANGLE PROJECTION

DO NOT SCALE FROM THIS DRAWING

THIS DOCUMENT IS COPYRIGHT AND IS THE PROPERTY OF WATERFRONT FLUID CONTROLS. IT MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY, INCLUDING MANUFACTURE OF THE PRODUCT SHOWN THEREIN, WITHOUT THE WRITTEN CONSENT OF THE COMPANY.
 © 2009 WATERFRONT FLUID CONTROLS

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 711 SQ.	DRAWING NUMBER: JE/SG/GAC/FBF/10679-A
MATERIAL: SEE MATERIAL NOTES	REV NUMBER: R3
	SHEET NUMBER 1 OF 1