



	'A'	'B'	'C'	'D'	'E'	'F'	'F1'	'G'	'G1'	'G2'	'H'	'H1'	'I'	'J'	ø'K'	ø'L'	CHEM. FASTENERS	
																	No.	DIAMETER
SQ. 700	890	1635	445	95	850	-	75	350	-	350	-	120	185	30	15	06	M12	
SQ. 800	990	1835	495	95	950	-	135	265	-	135	265	120	185	35	15	08	M12	
SQ. 900	1100	2125	550	100	1050	250	155	310	535	155	310	135	185	35	15	11	M12	

GATE DIMENSIONS TABLE

11	BASE PLATE	MILD STEEL
10	BOTTOM RUBBER SEAL	EPDM RUBBER ASTM D2000
09	STEM BLOCK/THRUST NUT	BRONZE BS 1400 LG2
08	SEAT FACINGS	BS 2874 GRADE PB 102
07	STEM (NON-RISING)	STAINLESS STEEL Gr. 316 TO BSEN 10088
06	COVER RIB	CAST IRON GRADE 220, BS 1452
05	BOTTOM SEAL SUPPORT BAR	
04	SIDE WEDGING DEVICE (LINED WITH BS 2874 GRADE PB 102)	
03	SHUTTER	
02	GATE FRAME	HDPE
01	TRANSIT STOPS	
SL. NO.	DESCRIPTION	MATERIAL

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED .

- NOTES :-**
- ALLOWABLE DEVIATION FOR UNTOLERANCED DIMENSIONS OF CASTINGS TO BE WITHIN CLASS III OF I.S. : 5519.
 - ALLOWABLE DEVIATION FOR DIMENSIONS WITHOUT SPECIFIED TOLERANCES TO BE WITHIN EXTRA COARSE CLASS OF ACCURACY AS PER I.S. : 2102 (PART I & II).
 - TRANSIT STOPS (PAINTED IN RED) SHOULD NOT BE REMOVED UNTIL THE GATE IS INSTALLED AND IS TO BE INITIALLY OPERATED.
 - ALL FASTENERS (NUT, BOLTS AND WASHERS) FOR GATE ASSEMBLY & BASE PLATE FOR TO BE OF STAINLESS STEEL ASTM A276 TYPE 316.
 - I-PAINT IS SUITABLE FOR BRITISH DRINKING WATER APPLICATION. TOTAL DRY FILM THICKNESS INCLUSIVE OF PRIMING 250 MICRONS.
 - SEAT FACING TO BE FITTED ON PLAIN SURFACE OF FRAME AND SHUTTER.
 - ADHESIVE CAPSULE/CHEMICAL CAPSULE & CHEMICAL ANCHOR FASTENERS TO BE ARRANGED BY CLIENT.
 - BACK FACE OF THE FRAME WILL BE UNMACHINED, ROUGH SURFACE AS CASTED.
 - PERMISSIBLE LEAKAGE LESS THAN FOR :-
 I. ON SEATING HEADS : 1.25l/min/M OF SEAL PERIMETER.
 II. OFF SEATING HEADS : 2.50l/min/M SEAL PERIMETER UP TO INCLUDING 6.0 M WATER HEAD.

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PROJECTION

SCALE - NTS DATE: 25.06.14

APPD	D.K
CHKD	D.K
DRWN	S.S.V

GENERAL ARRANGEMENT AND DETAILS FOR INSTALLATION OF SQUARE OPENING WALL MOUNTED FLAT BACK FRAME, NON-RISING SPINDLE JASH C.I. SLUICE GATE, SUITABLE FOR 6.0 M SEATING & 2.0 UNSEATING WATER HEAD PROVIDED WITH FLUSH BOTTOM CLOSURE ARRANGEMENT AND HAVING MANUAL OPERATING MECHANISM. (GENERALLY MADE AS PER BS:7775)

DRG. NO. **JB/SG/GAC/FBF/7683** REV. **RO**

REV.	DESCRIPTION	DATE	REV.BY	CHD.BY
REVISIONS				