



'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	ø'K'	ø'L'	CHEM. FASTENERS	
												No.	DIAMETER
SQ. 350	540	940	270	95	490	175	175	120	160	30	15	04	M12
SQ. 400	590	1040	295	95	540	200	200	120	160	30	15	04	M12
SQ. 450	640	1140	320	95	600	300	300	120	160	30	15	06	M12
SQ. 500	690	1240	345	95	650	325	325	120	160	30	15	06	M12
SQ. 600	790	1440	395	95	750	375	375	120	160	30	15	06	M12

GATE DIMENSIONS TABLE

NO.	DESCRIPTION	MATERIAL
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	

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 & 3.0 UNSEATING WATER HEAD PROVIDED WITH FLUSH BOTTOM CLOSURE ARRANGEMENT AND HAVING MANUAL OPERATING MECHANISM. (GENERALLY MADE AS PER BS:7775)

DRG. NO. | REV.
JE/SG/GAC/FBF/7682 | **R0**

REV.	DESCRIPTION	DATE	REV.BY	CHD.BY
REVISIONS				