



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	
(R5) 10	STEM	STAINLESS STEEL EN 1.4301 (304)
09	TOP SEAL	
08	SIDE SEAL	EPDM RUBBER
07	FLUSH BOTTOM RUBBER SEAL	
(R2) 06	THRUST NUT	LEADED GUN METAL BS EN-1982 LG2
05	BOTTOM SEAL RETAINER	
04	TOP SEAL RETAINER	
(R5) 03	SIDE SEAL RETAINER	STAINLESS STEEL 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 ASTM A276 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 372 x 615 x 120mm

(6) REFER DRG. NO. JE/SG/GEN/1490-R1 FOR SECTIONAL DETAILS.

R5	23.06.22	MATERIAL GRADE MODIFIED	BP	VS
R4	28.01.20	END CAP UPDATED	GDC	SA
R3	24.10.19	DIM. 204 & 84 ADDED.		SA
R2	28.11.17	THRUST MATERIAL CHANGED		SA
R1	24.6.17	SECTIONAL VIEW ADDED		SA
REV	DATE	DESCRIPTION	REV. BY	CHECKED BY

DRAWN BY: Basant
 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

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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 152 SQ.

DRAWING NUMBER:
 JE/SG/GAC/FBF/10366

REV NUMBER: R5

MATERIAL: SEE MATERIAL NOTES

SHEET NUMBER 1 OF 1