



# DURGA VALVES PVT LTD

Ichapur Road Cannal Side, Howrah.

## TECHNICAL DATA OF SLUICE GATE

Client :

Fluid to be Handle	: Slurry
Pressure Class	: Class-1
Design Std.	: IS:3042/65 (Single Faced Sluice Gate)
Temperature	: Ambient
Type of Gate	: Spigot Back Frame type.
Type of Spindle	: Non Rising Spindle
Type of Mounting	: Mounted on wall through permanent grouting of spigot ends.
Type of Closure	: Conventional Closure
Type of Head	: Seating head
Type of Application	: For regulating flow in and out of conduit.
Type of Sealing Faces	: On Machined Flat Surface
Type of Opening	: Upward opening
Operation	: Manual
Lift Mechanism Position	: Mounted separately on platform above gate frame
Actuator	: N.A.

### Material of Construction

Frame, Door, Guide Strip	: SS to AISI 304
Seating Face & Lift Nut	: Phosphors Bronze
Spindle	: SS to AISI 410
Fasteners	: SS to AISI 304
Extension Spindle	: SS to AISI 304
Anchor Bolts	: SS to AISI 304
Coupling & Guide Bracket	: Mfg. Std.
Stem Protecting Cover	: M.S./Polycarbonate tube
Headstock & H/wheel	: C. I. to IS: 210 Gr. FG-200.

### Testing

Testing Standard: IS:13349/92  
\* Dimensional Check  
\* Smooth Movement test  
\* Shop Leakage Test (Water filling test at atmospheric pressure by filling water upto the brim of spigot.)

### Inspection

Hydro Test : Witness & Test Report  
Visual : Witness & Test Report  
Material Test : Test Report

### Quantity

Size (NB)	Qty. (Nos.)	Service / Application

### Note :

- Gate should close with clock wise rotation of H/W. (Direction of 'Open' & 'Shut' mark cast on Hand wheel)
- Manual lift mechanism to enable a single person to operate gate with effort < 20kgs.
- Gates shall be painted with one coat of red oxide primer & two coats of Black Bituminous paints and two coats of grey enamel paint for headstock.
- Gate travel indicator shall be provided on the stem protecting cover to indicate the position of door.
- Marking: Brand/Size/Rating/Heat No. & SI. No.

PREPARED  
BY

SHEET 1 OF 1

DEC. DOC. No.  
DS-PSG-IS-3042

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