



DURGA VALVES PVT. LTD.

Ichapur Road Canal Side, Howrah.

DATA SHEET FOR SLUICE GATE AS PER IS-13349

Fluid to be Handle Pressure Class Design Std. Temperature Type of Gate Type of Spindle Type of Mounting Type of Closure Type of Head Shape of Wall Thimble Type of Sealing Faces Type of Opening Operation Lifting Mechanism	: Raw Water : Class-1 : IS: 13349/92 : Ambient : Thimble Mounted flange Back Frame : Rising Spindle : Mounted on face of wall though wall thimble : Flush Bottom Closure : Seating / Unseating : "F" Shaped Section : On Machined Flat Surface : Upward opening : Manually gear operated with Travel Indicator : Mounted separately on platform above gate frame			
Material of Construction				
Frame, Door, Wall Thimble, Wedges, Headstock & H/wheel Seating Face, Wedge Lining Spindle Fasteners (for Thimble) Fasteners (Others) Extension Spindle Coupling Guide Bracket Bevel Gear Unit Flush bottom	: C. I. to IS: 210 Gr. FG-260. : SS 304 : SS 410 : SS 304 : SS 304 : SS 304 : SS 304 : C. I. to IS: 210 Gr. FG-200/ MS Fabricated : Enclosed type as per Manufacturer std. : EPDM			
Testing		Inspection		
Testing Standard : IS: 13349/92 * Seat Clearance Check * Hydrostatic Test * Smooth Movement test * Shop Leakage Test (as per IS-13349)		Hydro Test : Witness & Test Report Visual : Witness & Test Report Material Test : Test Report		
Quantity		Note :		
Size (NB)	Qty. (Nos.)	Service / Application	1. Gate should closed with clock wise rotation of H/W. (Direction of 'Open' & 'Shut' mark cast on Hand wheel) 2. Manual lift mechanism to enable a single person to operate gate with effort < 20kgs. 3. 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. 4. Gate travel indicator shall be provided on the stem protecting cover to indicate the position of door. 5. Marking: Brand/Size/Rating/Heat No. & Sl. No.	
750X750	8 nos.			
900X900	12 nos.			
PREPARED BY PR	SHEET 1 OF 1	DOC. No. SG/ 13349/ 2012-13	REV 0	DATE 29/06/2012