

		DURGA VALVES PVT LTD Ichapur Road Cannal Side, Howrah.		
		TECHNICAL DATA OF CAST IRON OPEN CHANNEL SLUICE GATE		
Fluid to be Handle Design Std. Temperature Type of Gate Type of Spindle Type of Mounting Type of Head Type of Application Type of Sealing Type of Opening Type of closure Operation Lift Mechanism Position Top of Water Level Distance between operating platform and hand wheel to be kept for easy operation		: Water : Open Channel Gate 3 side sealing. : Ambient : Self contained type gate with head stock mounted on the yoke of the gate frame : Rising Spindle : Channel/Frame mounted in between two parallel walls : Seating : For regulating flow in and out of conduit. : Two vertical and bottom sides of gate aperture : Upward opening : Flush bottom closure : Actuator/Manually Hand operated & with head stock : Mounted directly on yoke provided on gate frame : Minimum 200mm less than gate height. : 900mm (approx)		
Material of Construction				
Gate Frame & Slide/Shutter Gate Spindle Stem Nut Resilient Rubber Seal & Flush bottom seal Seal retainer strip Assemble bolts nuts & fasteners Yoke Bevel Gear Unit (if required) Headstock Hand wheel		: CI to IS 210 FG 200 : AISI 410 : L.T.B. to IS:318 Gr. LTB 2 : EPDM : AISI-304 : SS 304 : M.S. to IS: 2062 Gr. A : Mfg. Std. : C.I. to IS:210 Gr. FG-200 : C.I. to IS:210 Gr. FG-200		
Testing		Inspection		
<u>Testing Standard :</u> * Dimensional Check * Smooth Movement test		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 < 20 Kgf. 3. Gate travel indicator shall be provided on the stem protecting cover to indicate the position of door will be provided for only 1000sq. gate. 4. Marking: Brand/Size/Class/Heat No. & Sl. No. 5. Leakage shall be applicable.		
PREPARED BY PR		SHEET 1 OF 1		DVPL. DOC. No. DVPL/CI-OCG
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