



DURGA VALVES PVT LTD

Ichapur Road Cannal Side, Howrah.

TECHNICAL DATA OF MS 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/ Non self contained : 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/ Away gate frame with extension rod on Platform. : Minimum 200mm less than gate height. : 900mm (approx)
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Material of Construction

Gate Frame & Slide/Shutter Gate Shutter Guide 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	: MS to IS 2062 : UHMWP : AISI 410 : L.T.B. to IS:318 Gr. LTB 2 : EPDM : AISI-304 : SS 304 : M.S. to IS:2062 : Mfg. Std. : C.I. to IS:210 Gr. FG-200 : C.I. to IS:210 Gr. FG-200
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Testing

Inspection

<u>Testing Standard :</u> * Dimensional Check * Smooth Movement test	Visual : Witness & Test Report Material Test : Test Report
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Quantity

Note

Size (NB)	Qty. (Nos)	Service / Application	1. Gate should close 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	SHEET 1 OF 1	DVPL. DOC. No. DVPL/CI-OCG	REV 0	DATE 05.11.12
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