

HWE FACE WALL MOUNTED FABRICATED SLUICE GATES

Sluice Gates are used for the control of flow of water, storm water, sewerage or effluent in almost all the cases, where a sluice valve can not be used. The discharge is generally in open through the gates.

Specification:

These gates are made generally as per HWE design.

Gates are manufactured with rising or non rising spindles as per requirement of customers. Flange back or flat back design is provided for direct mounting on the face of wall using anchor bolts.

Faces of shutter are provided with replaceable type rubber seal to achieve water tightness.

Operation:

Manual operating mechanism is designed in such a way to enable a single person to operate gate with effort <20 Kgs. The frames may be self contained for the places, where provision of operating thrust can not be transferred to operating platform or head stock.

Gates are supplied with necessary extension rod, wall brackets, Head Stock and wheel to operate from a specified height according to site conditions.



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Materials of Construction:

S. No.	Components	Materials
1.	Gate Frame, Shutter	Mild Steel SS 304, SS 316, SS316L Aluminum Alloy 6061- T6
2.	Resilient Rubber Seal	Natural Rubber EPDM Rubber Neoprene Rubber
3.	Rubber Seal Retainer Bar	SS 304, SS 316, SS316L
4.	Connecting Block / Stem Block / Thrust Nut	Leaded Tin Bronze Leaded Gunmetal Bronze
5.	Stem / Spindle	Mild Steel SS 304, SS 316, SS316L
6.	Coupling	Mild Steel SS 304, SS 316, SS316L
7.	Operating Nut / Stem Nut	Leaded Tin Bronze Leaded Gunmetal Bronze
8.	Fasteners & Studs	Mild Steel SS 304, SS 316, SS316L
9.	Anchor Bolts	Mild Steel SS 304, SS 316, SS316L

Accessories:

Geared Head stocks to reduce the operating torque or changing direction of operation.

Power or Hydraulic actuators.

Manufactured By:

Hindustan Water Engineering Company

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