

HWE OPEN CHANNEL SLUICE GATES

Open Channel Sluice Gates are used for the control of flow of water in an open channel. These are suitable for seating as well as unseating water head but the height of the water should be less than height of shutter.

Specification:

These gates are made generally as per our design. Gates are manufactured with rising spindles or non rising spindles as per customer's requirement.

Faces of frame are provided with non corrosive seats, normally of brass for water application and faces of gates are provided with rubber sealing arrangement for maximum water tightness.



Materials of Construction:

S. No.	Components	Materials
1.	Gate Frame, Shutter, Headstock, Stem Guide Bracket, Wedging Device	Cast Iron IS:210 FG:200, FG260
2.	Wedges, Wedge Facings, Sealing faces / Seat facings	Brass Phosphor Bronze Leaded Tin Bronze Bronze Leaded Gunmetal Stainless Steel
3.	Resilient Rubber Seal	Natural Rubber EPDM Rubber Neoprene Rubber
4.	Rubber Seal Retainer Bar	Mild Steel Stainless Steel
5.	Connecting Block / Stem Block / Thrust Nut	Cast Iron Leaded Tin Bronze Leaded Gunmetal Bronze
6.	Stem / Spindle	Mild Steel

		Stainless Steel
7.	Coupling	Cast Iron Mild Steel Stainless Steel
8.	Operating Nut / Stem Nut	Leaded Tin Bronze Leaded Gunmetal Bronze
9.	Fasteners & Studs	Mild Steel Stainless Steel
10	Anchor Bolts	Mild Steel Stainless Steel
11.	Yoke	Mild Steel Cast Iron Stainless Steel

Accessories:

Stem Cover.

Gate Opening Indicating Arrangement.

Power or Hydraulic actuators.

Manufactured By:

Hindustan Water Engineering Company

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