

Sluice Gates & Water Control Structures

Sluice gates and associated water control structures regulate, isolate or direct flow in open channels, closed conduits and treatment structures, where a conventional in-line valve is impractical. The range includes channel- and wall-mounted gates, weir gates, trash screens and stop log gates, built in cast iron or fabricated steel to suit the structure and duty. Specified across water treatment plants, irrigation canals and pumping stations for flow control and maintenance isolation.

Product	Application	Material of Construction	Mounting / Shape	Sealing Arrangement	Design / Testing	Size Range (mm)
Open Channel Gate (Side Wall Mounted)	Stop or release water flow in open channels	Cast Iron IS 210 Gr. FG 200/260 or MS/SS fabricated; seats in Naval Brass / Gun Metal / SS / Rubber	Embedded or mounted between two parallel walls; Square/Rectangle	—	IS 5620 / AWWA C561 or Manufacturer's Standard	200 – 2000
Wall Thimble Mounted Gate	Closing/controlling water flow in a closed conduit channel	Cast Iron IS 210 Gr. FG 200/260 or MS/SS fabricated	Wall-thimble mounted; Square/Rectangular/Round	Metal-to-metal (Naval Brass / SS 304/316 / Bronze); resilient flush-bottom seat in Nitrile/EPDM optional	IS 13449 / AWWA C501	200 – 2000
Wall Mounted Gate	Closing/controlling water flow in a closed conduit channel	Cast Iron IS 210 Gr. FG 200/260 or MS/SS fabricated	Face wall mounted; Square/Rectangular/Round	Metal-to-metal (Naval Brass / SS 304/316 / Bronze); resilient flush-bottom seat in Nitrile/EPDM optional	IS 3042	200 – 2000
Weir Gate	Invert-opening gate for dewatering reservoirs/tanks or maintaining water levels	Cast Iron IS 210 Gr. FG 200/260 or MS fabricated; seats in Brass / Gun Metal / SS	Square / Rectangle / Circular	—	Sarker Valves in-house standard	200 – 2000
Trash Screen	Arrests floating debris (logs, branches, bottles) from entering the reservoir	Vertical/Horizontal Frame: MS IS 2062 / Channel ISMC / SS. Screen Bars: IS 2062 Gr. A. Bearing Pad: IS 2062 Gr. A. Rollers: SS / PTFE	—	—	Sarker Valves in-house standard	—



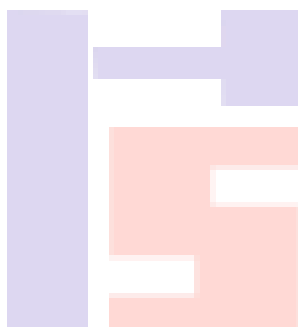
For Correspondence

H. O & Works : 160, SADANANDA SRITHI PATH, BALITIKURI, BAKULTALA, VIA DASNAGAR, HOWRAH - 711 113, WB, INDIA.



Regd. Off: AJIT SEN BHAWAN, 13 CROOKED LANE, 2 ND FLOOR, KOLATA-700069, WB, INDIA.

Product	Application	Material of Construction	Mounting / Shape	Sealing Arrangement	Design / Testing	Size Range (mm)
Stop Log Gate	Isolation of water flow for maintenance shutdowns and emergency control in water/wastewater systems	Vertical/Horizontal Frame: MS IS 2062 / Channel ISMC / SS. Screen Bars: IS 2062 Gr. A. Bearing Pad: IS 2062 Gr. A. Rollers: SS / PTFE	—	—	Sarker Valves in-house standard	—


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