

DOWNWARD OPENING GATE



Description

Downward opening weir gates are similar to wall mounted gates, with the exception that the gate is used for the purpose of level control, being closed in the upward position and lowered to open. The fluid flows over the top of the gate and is controlled by adjusting the gate height. Depending on the water level, and if the application requires, the gate can be sealed off. As a standard, the gate will be sealed on all four sides or on three sides leaving the top open.

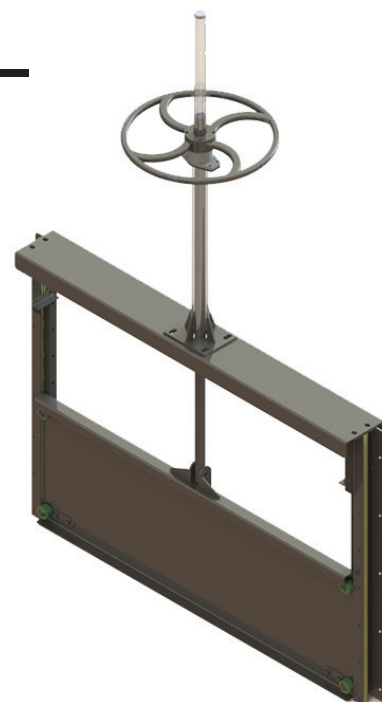
Application

- Waste Water Treatment plants
- Water treatment plants
- Mining Industry
- Abattoir / Food production industry
- Irrigation network.
- Where level control is required.



Features & Benefits

- Frame suitable for direct mounting on face of wall
- Designed and manufactured to suit any sizes opening.
- Gate frame provided with HDPE liner for low friction sliding
- Actuated or manual gates provided according to client specification
- Rising or non-rising spindle gates provided according to client specification
- Rigid ACME thread S/S spindle design
- Resilient sealing system with L seal design



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Performance & Specification

Downward Opening Gate- Estimated Flow Rates

- We manufacture to suit non-standard openings
- Table data subject to change to suit civil and flow conditions
- All dimensions in mm

MODEL	OPENING SIZE		GATE WIDTH (C)	GATE HEIGHT (D)	T.W.L. (E)	TOTAL GATE HEIGHT (F)	CONTROL
	WIDTH (A)	DEPTH (B)					
DOG800S	800	350	1100	420	320	975	SINGLE SPINDLE
DOG800M	800	500	1100	570	370	1114	SINGLE SPINDLE
DOG1000	1000	500	1300	570	470	1393	SINGLE SPINDLE
DOG1250	1250	500	1550	570	470	1393	SINGLE SPINDLE
DOG1500	1500	500	1800	570	470	1393	SINGLE SPINDLE
DOG1750	1750	500	2050	570	470	1393	DUAL SPINDLE WITH GEARBOX
DOG2000	2000	500	2300	570	470	1393	DUAL SPINDLE WITH GEARBOX
DOG2500	2500	500	2800	570	470	1393	DUAL SPINDLE WITH GEARBOX
DOG3000	3000	500	3300	570	470	1393	DUAL SPINDLE WITH GEARBOX

