

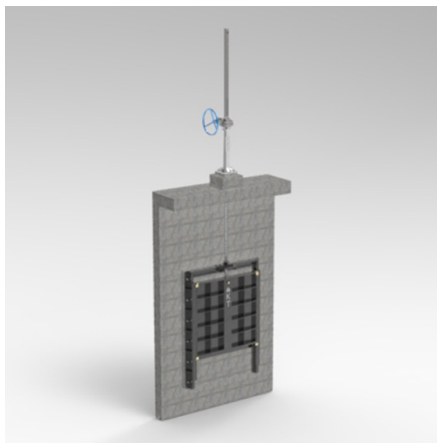
Cast Iron Penstock – Weir Gate Penstock

General

Engineered in compliance with BS 7775:2005 and AWWA C-560:21 specifications, the KT Penstock meets rigorous standards, ensuring exceptional durability and reliable performance across various water management systems. This adherence to quality benchmarks underscores its suitability for high-demand environments where resilience and precision are paramount.

Feature

The KT Weir Gate is meticulously designed for precise water level management, making it ideal for applications in water distribution, drainage, and various flow and level control systems. Its construction supports accurate flow regulation, enhancing the operational efficiency and stability of water management infrastructures. Comes in a variety of two options Down-Open or Non-Obstructed design, where the non-obstructed design of the Weir Gate improves flow measurement and reduces wear on the spindle.



Product Info

Typically, the weir gate design features a three-sided sealing face, allowing water to overflow at the top. However, a four-sided sealing face can be provided upon request. The allowable leakage meets the BS 7775:2005 specification requirements.

Technical Specification

Size	:	200mm to 2000mm (custom size available upon request).
Working Pressure	:	Seating, 6m. Unseating, 6m.
Mounting	:	Wall Mounted.
Application	:	Sewage Treatment, Water Treatment, Food Control, Industrial, Drainage, Irrigation.

Material

Frame & Door	:	Cast Iron BSEN1561:11 (G250) or Ductile Iron to BSEN 1563:18 (G500/7).
Frames & Door Seal	:	Phosphor Bronze (PB102) or Stainless Steel (SS304) Stainless
Spindle	:	Steel 304 & 316.
Thrust Nut	:	Gunmetal LG2 .