

Flat Back Cast Iron Penstock – Wall Mounted

General

The Heavy Duty KT Penstock is engineered from robust cast iron or ductile iron for its main structure, complemented by a stainless steel spindle and fasteners, along with bronze seals. It is designed and manufactured to meet or exceed the standards set forth in BS7775:1995 and AWWA C501:1992.

Feature

The KT Penstock features a successful design suitable for a wide range of applications, including waterworks, treatment facilities, flood control projects, reservoirs, and agricultural irrigation. It is available in square, rectangular, and circular openings, and is designed to function effectively under ON/OFF water pressure conditions. All components are constructed from corrosion-resistant materials, including wedges, sealing surfaces, and fasteners. Additionally, the stem offers both rising and non-rising options to accommodate customer requirements.



Product Info

Standard wall-mounted sluice gates are designed to effectively close off openings in walls, commonly used between chambers and for outlets in dam structures.

The product's design and allowable leakage rate comply with the BS 7775:2005 standard and are equivalent to AWWA C-560:21.

Technical Specification

Size	:	200mm to 2400mm (custom size available upon request).
Working Pressure	:	Seating, 15m Unseating, 10m
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)
Spindle	:	Stainless Steel 304 & 316
Thrust Nut	:	Gunmetal LG2