

Stainless Steel Channel Mounted Penstocks

Figure no. W4000, W4500&W4600 manufactured according to BS7775

Waterfront designs and manufactures a range of Stainless Steel penstocks for applications in the potable and wastewater sectors as well as for drainage, power and industrial plants.

With the application of its **advanced computer design and quotation programmes**, a rapid response is achieved in providing quality customer service and on-time deliveries.

CHANNEL PENSTOCKS – DESIGN FEATURES

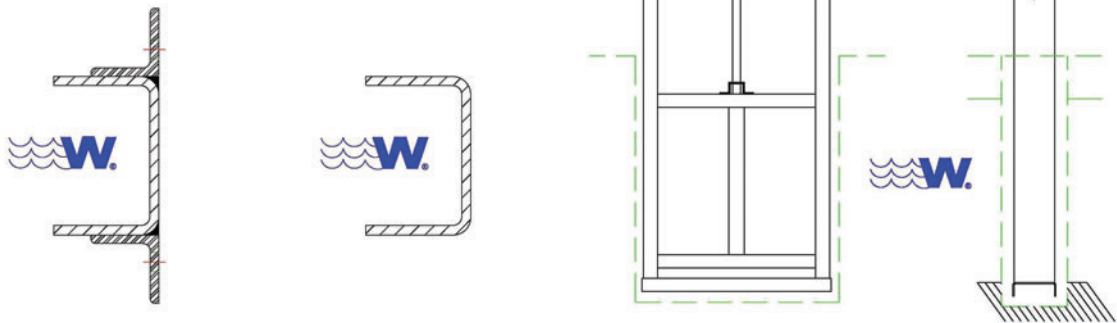
Application: Isolation or diversion for maintenance.

Types: Full Frame with direct-on operating gear.
Open Frame with remote operating gear.

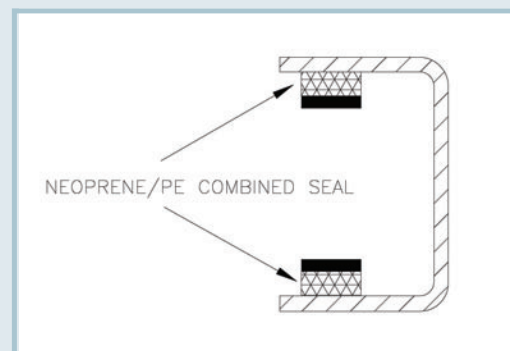
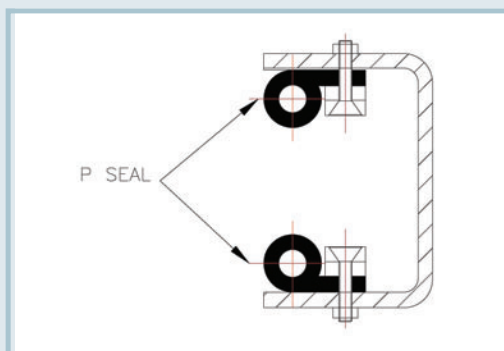
Size range: From 100mm to 4000 square or rectangular.

Pressure: Equal to Door Depth.

Materials: STAINLESS STEEL GRADES SS304,
SS316, SUPER DUPLEX, MILD STEEL
WITH PROTECTIVE COATINGS.



SEAL ARRANGEMENT



WATERFRONT FLUID CONTROLS LTD

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Company Reg No: 305356 * VAT Reg No: 894898138

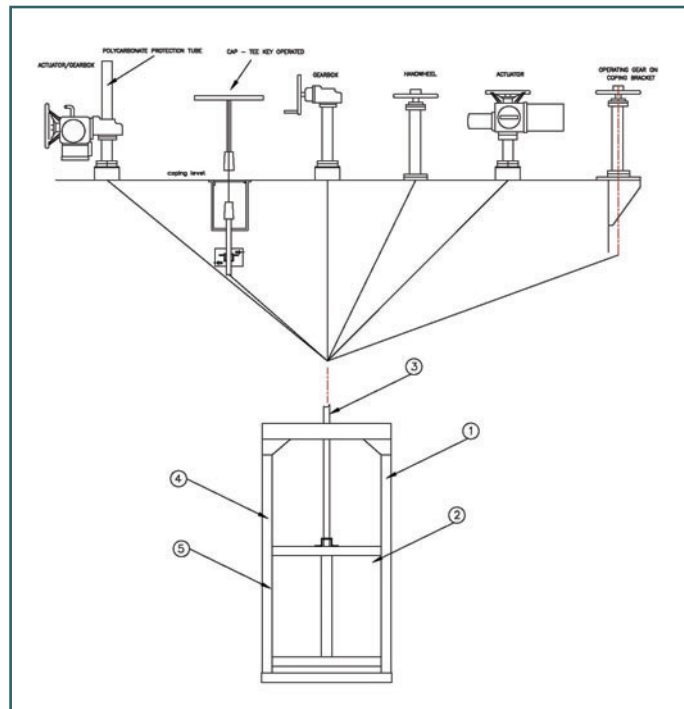
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SPECIFICATIONS

OPERATING GEAR

- Use:** Controlling the method of opening and closing the Penstock.
- Types:** Rising and Non-Rising Stem.
- Mounting:** Pillar on a Frame, Pillar on a floor, Pillar on Coping Bracket, Cap with Support-Bracket.
- Operation:** Cap, Handwheel, Gearbox, Actuator, Actuator/Gearbox Combination.



COMPONENT	MATERIAL
FRAME	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL, SUPER DUPLEX
DOOR	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL, SUPER DUPLEX
STEM	STAINLESS STEEL GRADES SS304, SS316, MILD STEEL
WEDGE	PE, STAINLESS STEEL GRADES SS304, SS316
SEAL	EPDM, COMBINED PE+NEOPRENE, NITRILE SEAL

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