

**INLINE PENSTOCK, 10MWC, SPIGOT END, TYPE APL-S****SKU:** 670APL-S**ADDITIONAL INFORMATION****Diameter Ø** 100, 125, 150, 200, 250, 300,  
400, 500

HDPE inline penstock APL-S (spigot end) for piping systems.

Opening Ø 100 mm - Ø630 mm. 10 M.w.c. On and Off seating. Note: Ø630 mm 7,5 M.w.c.

The Freedrain inline penstocks are used in surface water, sewerage systems, (sewerage) water treatment systems etc. to (temporarily) block or allow to pass water

They are manufactured from high quality HDPE and they will be reinforced with Stainless Steel 316L profiles. HDPE is lightweight and has a high chemical resistance. Standard, the penstocks are fitted with a SS316L non-rising spindle.

Easy fixing in existing pipework.

The penstock contains a vertically moving SS316L knife door which can block the water supply on both sides. Tightening shall be effected by means of a special EPDM flat/lip shaped rubber profile to withstand 10 meter water column pressure on both sides.

Free discharge application.

Designed for installation into the ground or install in a chamber

Materials used:

- HDPE
- SS316L
- EPDM sealing

Advantages of the Freedrain inline penstocks:

- Design life of 50 years.
- First class materials used.
- Less maintenance.
- Light weight and easy handling.

Other options:

- Larger sizes on request
  - Several manual and electrical operations.
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## VARIATIONS









Image	SKU	Description	Diameter Ø
	670APS0100S		100
	670APS0125S		125
	670APS0150S		150
	670APS0200S		200
	670APS0250S		250
	670APS0300S		300

Image	SKU	Description	Diameter Ø
	670APS0400S		400
	670APS0500S		500

## PRODUCT DESCRIPTION

Penstock TYPE APL-S. Suitable for connection between two pipes.

Type	APL-S
Material Bridge	Stainless steel 316L 1.4404
Material Guides	Stainless steel 316L 1.4404
Material Frame Plate	HDPE
Material Reinforcement Profiles	Stainless steel 316L 1.4404
Material Spindle	Stainless steel 316L 1.4404
Material Spindle Nut	Bronze
Material Sealing Door / Frame Plate	Neoprene
Material Sealing Penstock / Concrete	EPDM
Material Operation Point	Stainless steel 316L 1.4404
Material Spindle Stop	Stainless steel 316L 1.4404
Material Bare Shaft	POM

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