



INLINE PENSTOCK, 10MWC, FLANGE CONNECTION, TYPE APL-F



HDPE inline penstock APL-F (flange) for piping systems.

Opening \varnothing 100 mm - \varnothing 630 mm. 10 M.w.c. On and Off seating. Note: \varnothing 630 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.

SKU: 670APL-F | **Category:** [Inline Penstocks](#) | **Tags:** [Flood protection](#), [HDPE](#), [Light Weight](#), [Penstock](#), [Stainless steel AUMA](#)

VARIATIONS

Image	SKU	Price	Description	Diameter Ø
	670APL0100F			100
	670APL0125F			125
	670APL0150F			150
	670APL0200F			200
	670APL0250F			250



Image	SKU	Price	Description	Diameter Ø
	670APL0300F			300
	670APL0400F			400
	670APL0500F			500

PRODUCT DESCRIPTION

Penstock TYPE APL-F. Suitable for connection between two pipes with a PN10 flange.

Type	APL-F
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

Material Bare Shaft

Stainless steel 316L 1.4404

POM



ADDITIONAL INFORMATION

Diameter Ø 100, 125, 150, 200, 250, 300, 400, 500