

PENSTOCK, 5MWC, FLANGE CONNECTION, TYPE ASG-F



The Freedrain 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

This version is suitable for flange mounting. Standard PN10 drillings. Other drillings on request.

The penstock contains a vertically moving 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 5 meter water column pressure on both sides, without any visible deformation.



Materials used:

- HDPE
- SS316L
- EPDM sealing

Advantages of the Freedrain penstocks:

- Design life of 50 years.
- First class materials used.
- Less maintenance.
- Light weight and easy handling.
- Easy to adjust the design for custom made requirements.
- High UV protection.
- Easy replaceable Lip seal.

Other options:

- Rising spindle situation.
- Several manual and electrical operations.
- Heavy duty penstocks with higher water pressure .
- Square, rectangular or egg-shaped openings.
- Weir penstock with downwards opening

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

VARIATIONS




Image	SKU	Price	Description	Diameter Ø
	ASG0100F			100
	ASG0125F			125
	ASG0150F			150
	ASG0200F			200











Image	SKU	Price	Description	Diameter Ø
	ASG0250F			250
	ASG0300F			300
	ASG0400F			400
	ASG0500F			500



Image	SKU	Price	Description	Diameter Ø
	ASG0600F			600
	ASG0700F			700
	ASG0800F			800
	ASG0900F			900



Image	SKU	Price	Description	Diameter Ø
	ASG1000F			1000
	ASG1100G-1			1100
	ASG1200G-1			1200
	ASG1400G-1			1400



Image

SKU

Price Description

Diameter Ø



ASG1500G-1

1500

PRODUCT DESCRIPTION

Penstock TYPE ASG-F with standard PN10 flange.

[Download product sheet](#)

Type	ASG-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	Stainless steel 316L 1.4404
Material Bare Shaft	POM



ADDITIONAL INFORMATION

Diameter Ø

100, 125, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000,
1100, 1200, 1400, 1500