

PENSTOCK, 5MWC, PUSH FIT SPIGOT-END, TYPE ASG-BS



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 mounting as an insert pipe. Easy to install ("push-fit").

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-BS | **Category:** [Penstocks](#) | **Tags:** [Flood protection](#), [HDPE](#), [Light Weight](#), [Penstock](#),



[Stainless steel AUMA](#)

VARIATIONS





Image	SKU	Price	Description	Diameter Ø
	670ASG0300BS			300
	670ASG0400BS			400
	670ASG0500BS			500
	ASG0600F-1			600







Image	SKU	Price	Description	Diameter Ø
	ASG0700F-1			700
	670ASG0800BS			800
	670ASG0900BS			900
	670ASG1000BS			1000

Image	SKU	Price	Description	Diameter Ø
	670ASG1100BS			1100
	ASG1200G-1-1			1200

PRODUCT DESCRIPTION

Penstock TYPE ASG-BS with spigot-end (push fit).

[Download product sheet](#)

Type	ASG-BS
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, 600, 700, 800, 900, 1000,
1100, 1200, 1400, 1500