

PENSTOCK, 5MWC, WALL MOUNTED, TYPE ASG-G**SKU:** 670ASG-G**ADDITIONAL INFORMATION**

Diameter Ø
100, 125, 150, 200, 250, 300,
400, 500, 600, 700, 800, 900,
1000, 1100, 1200, 1400, 1500,
1600, 1800, 2000

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

Type ASG-G is the standard "wall mounted" version. To ensure watertightness the wall must be flat.

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
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VARIATIONS

Image	SKU	Description	Diameter Ø
	ASG0100G		100
	ASG0125G		125
	ASG0150G		150
	ASG0200G		200
	ASG0250G		250

Image	SKU	Description	Diameter Ø
	ASG0300G		300
	ASG0400G		400
	ASG0500G		500
	ASG0600G		600
	ASG0700G		700

Image	SKU	Description	Diameter Ø
	ASG0800G		800
	ASG0900G		900
	ASG1000G		1000
	ASG1100G		1100
	ASG1200G		1200

Image	SKU	Description	Diameter Ø
 A 3D rendering of a grey metal grate assembly. It consists of a main rectangular frame with a large circular opening at the bottom. To the right of the main frame is a smaller, narrower section with a similar circular opening. The assembly is shown from a slightly elevated perspective.	ASG1400G		1400
 A 3D rendering of a grey metal grate assembly, similar to the ASG1400G but with a larger circular opening.	ASG1500G		1500
 A 3D rendering of a grey metal grate assembly, similar to the ASG1500G but with an even larger circular opening.	ASG1600G		1600
 A 3D rendering of a grey metal grate assembly, similar to the ASG1600G but with the largest circular opening.	ASG1800G		1800

Image

SKU

Description

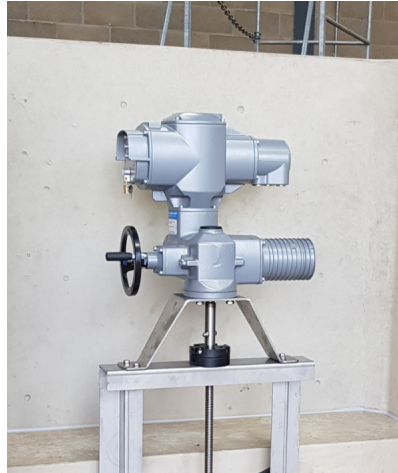
Diameter Ø



ASG2000G

2000





PRODUCT DESCRIPTION

Wall mounted Penstock TYPE ASG-G

[Download product sheet](#)

Type	ASG-G
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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