

**PENSTOCK, 5MWC, PUSH FIT SPIGOT-END, TYPE ASG-BS****SKU:** 670ASG-BS**ADDITIONAL INFORMATION**

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

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
- 

## VARIATIONS

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

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

**Image**

**SKU**

**Description**

**Diameter Ø**



670ASG1100BS

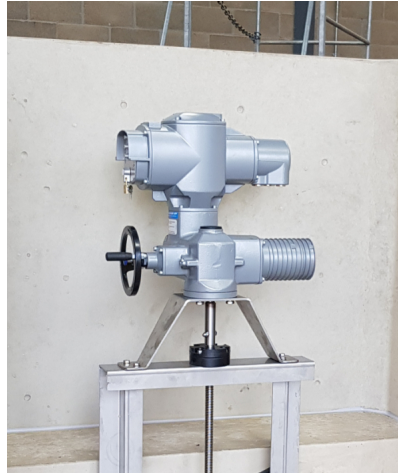
1100



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                | Stainless steel 316L 1.4404 |
| Material Bare Shaft                  | POM                         |

## ADDITIONAL INFORMATION

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