PENSTOCK, 5MWC, SPIGOT-END, TYPE ASG-S

SKU: 670ASG-S

ADDITIONAL INFORMATION

Diameter Ø	100, 125, 150, 200, 250, 300, 400, 500, 600

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-S mounted on a pipe with a coupler (coupler not included). Available in DN110 - DN630. Other sizes 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

VARIATIONS

Image	SKU	Description	Diameter Ø
	ASG0100S		100
	ASG0125S		125
	ASG0150S		150
	ASG0200S		200

Image	SKU	Description	Diameter Ø
	ASG0250S		250
	ASG0300S		300
	ASG0400S		400
	ASG0500S		500

Image	SKU	Description	Diameter Ø
	ASG0600S		600

PRODUCT DESCRIPTION

Penstock with spigot-eind, TYPE ASG-S.

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Type	ASG-S
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
Material Spindle Stop	Stainless steel 316L 1.4404

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