

Heat Suppression Submersible Pump System



Description

For water delivery to the booster pumps, Centurion Power & Equipment will supply dual submersible pumps that are built into DNV 2.7-1 offshore frames to ensure the highest level of lifting standard is achieved for our clients.

The pumps are controlled with a soft start module housed in a mini container and built to DNV 2.7-1 standards Zone II only.

To deploy the submersible pumps a hang-off frame must be installed. An integral part of the design of this system includes a full hand rail system at the front of the frame. This is also built and approved to DNV 2.7-1

All tension from the deployment of the submersible pumps is supported by an additional frame sling set, this is also designed to DNV 2.7-3.

We use 8" hard wall hoses for water delivery to the booster pumps these are swaged, flanged hard wall hoses.

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Technical Specifications

General Specifications

Motor Size	110 kw
Shaft Seals	Double mechanical
Dump Duty	1750 us gallons / minute at 50m head for each pump
Start System	Soft start panel
Outlet Connection	6" to 8"
Insulation Class (Electric Motor)	H (IEC 85)
Protection Class (Sub Pump)	IP68
Maximum Submersion Depth	55 m
Maximum Liquid Temperature	40°C

Certification, Lifting Specification, Weights and Dimensions

Overall package DNV Annual Survey Zone II Hazardous Area plus DNV 2.7-2

Maintenance	Centurion Power & Equipment preventative maintenance procedures
Lifting specification	DNV 2.7-1 -20°C
Length	2,000 mm
Width	2,000 mm
Height	2,100 mm
Weight	6,500 kgs

Additional Equipment

Base hang off frame specific application design to DNV 2.7-1 for each project

Base Hang Off Lifting Assembly

8" Hard Wall Flanged ASA 150 Hoses

For more information on Submersible Pumps, please contact your local Centurion Power & Equipment representative or email: CPEUK@centuriongroup.co.uk.

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