

CRYOGENIC SUBMERGED FUEL PUMP

Description

Shaped by many years of maritime experience and state-of-the-art technology, the CS Fuel Pump is an innovative and durable submerged fuel pump for LNG, designed with a self-cleaning filter and a high-efficiency electrical motor.

Advantages

- Supports LNG
- Engineered to operate reliably in cryogenic temperatures, ensuring safe and efficient fuel transfer
- Leak-free design reduces the risk of spills and ensures safe fuel handling

Innovative design

- Self-cleaning large surface filter to avoid filter blocking
- Internal secondary flow to avoid leak to fuel tank
- One hybrid ball bearing and special carbon sleeve bearing to ensure uptime
- High efficiency permanent magnet motor to ensure highest possible efficiency
- 20.000h / 5 years

TECHNICAL SPECIFICATIONS

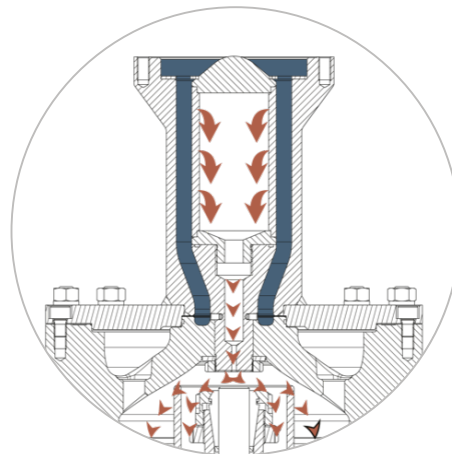
Specification	CS 5	CS 12	CS 24
Type	Centrifugal Pump	Centrifugal Pump	Centrifugal Pump
Design Speed	4560 RPM	4560 RPM	4560 RPM
Min. Speed	3000 RPM	3000 RPM	3000 RPM
Max. Speed	6000 RPM	6000 RPM	6000 RPM
Capacity	1-7 m³/hr	4-18 m³/hr	8-33 m³/hr
Rated Motor Current	12.6 A	46 A	62 A
Head per stage	60 mlc	80 mlc	80 mlc
Max. Pressure Diff. Cycle	20 bar	20 bar	20 bar
Number of Stages	2 - 5	2 - 4	2 - 4



THE CS 12 FILTER – EXTENDING THE TIME BETWEEN SERVICE (MTBS)

Main features

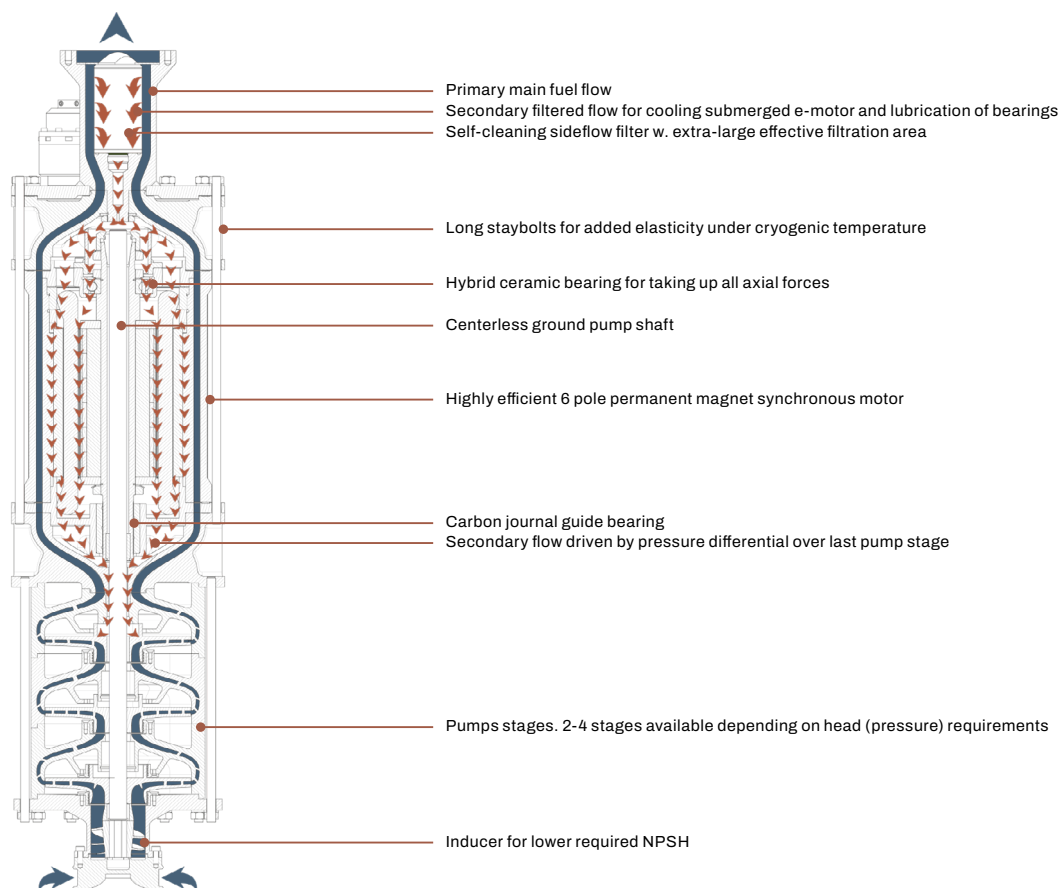
- Cryogenic side flow filter element developed in close cooperation with leading supplier
- Filter specially designed to be self-cleaning
- Placed in the high-flow velocity of the discharge pipe
- Provides filtered secondary flow for cooling and lubrication
- Filter unit is easily accessible for service or interchange



Svanehoj Danmark A/S
Fabriksparken 6,
9230 Svenstrup J

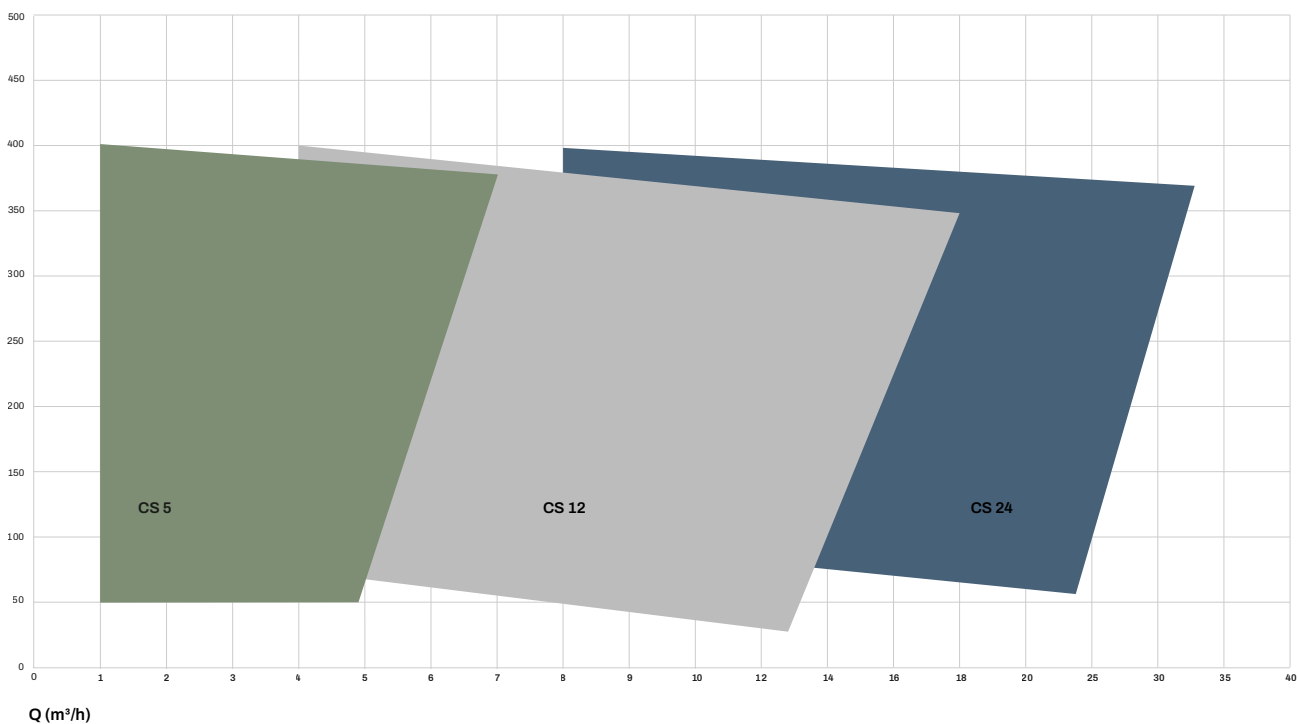
Tel.: +45 96 37 22 00
svanehoj@svanehoj.com
svanehoj.com

SVANEHOJ
— An ITT Company



CAPACITY RANGE

Head (m)



Svanehoj Danmark A/S
 Fabriksparken 6,
 9230 Svenstrup J

Tel.: +45 96 37 22 00
svanehoj@svanehoj.com
svanehoj.com

SVANEHOJ
 An ITT Company