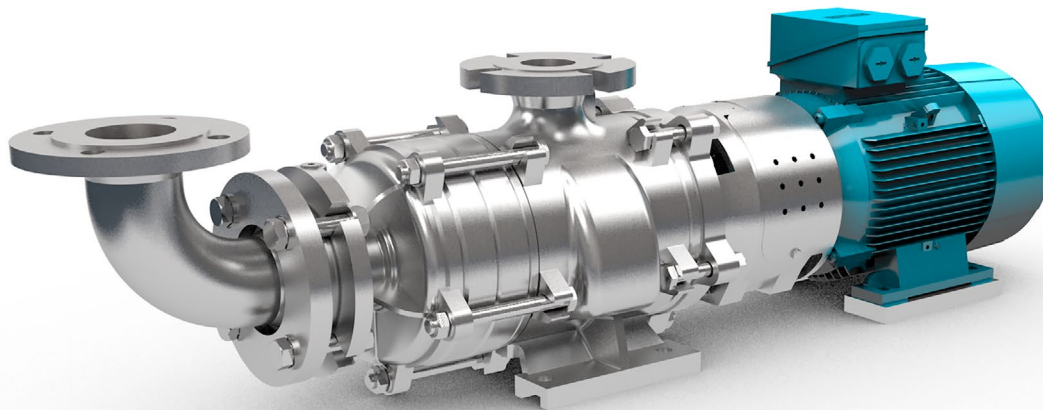


## Self-Priming Centrifugal Pumps Series S, SUB, E

- Liquefied Gas
- Water and Wastewater Technology
- General Industrial Technology



### TECHNICAL DATA ▶ S

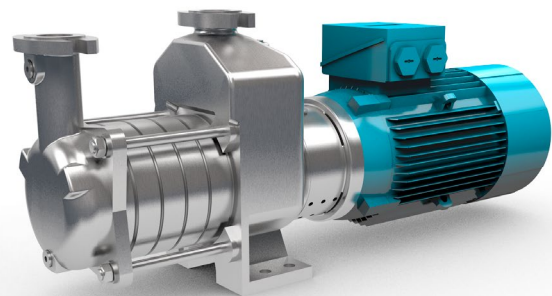
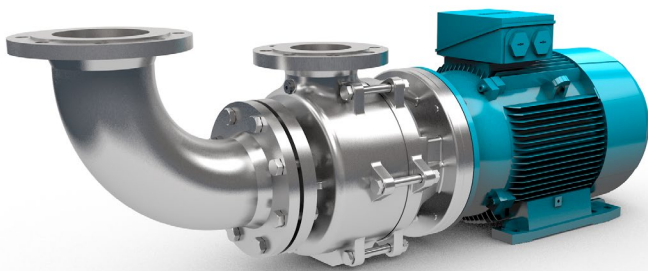
Flow rate	max. 300 m <sup>3</sup> /h
Head	max. 165 m
Operating pressure	max. 16 bar
Temperature	-40 °C to 110 °C
Viscosity	up to 115 mm <sup>2</sup> /s

### GENERAL INFORMATION

Self-priming centrifugal pumps are suitable for slightly contaminated as well as gas-emitting liquids. Due to their characteristic design, they can draw up and convey liquids from lower levels. They ensure smooth and reliable operation with low suction times and high efficiency grades.

### ADVANTAGES

- Self-priming through integrated jet pump or mixture formation
- High efficiency
- Axial thrust-free, open or load-relieved, closed impellers
- Compensation of radial forces due to diffuser elements in the ring housing
- Low NPSH values
- Possibility to convey gas-loaded liquids
- Optimized size of pressure nozzle for low pipe friction losses and velocity head difference
- Optional sensor-based operation monitoring
- Block or base plate design



### TECHNICAL DATA ▶ SUB

Flow rate	max. 170 m <sup>3</sup> /h
Head	max. 66 m
Operating pressure	max. 16 bar
Temperature	-25 °C to 110 °C
Viscosity	up to 200 mm <sup>2</sup> /s

### TECHNICAL DATA ▶ E

Flow rate	max. 7 m <sup>3</sup> /h
Head	max. 139 m
Operating pressure	max. 15 bar
Temperature	-40 °C to 110 °C
Viscosity	up to 115 mm <sup>2</sup> /s

## CHARACTERISTIC CURVES

