

Grundfos SP18/SPE18

# The new generation of SP 6" pumps

Introducing optimised, future-proof hydraulics

#### **Low lifecycle cost**

The new generation of Grundfos SP pumps is fitted with new and upgraded hydraulics to achieve world-class energy efficiency and enable significant energy savings. Combined with a robust and reliable design, the pumps offer a trouble-free and long product lifetime with minimal maintenance costs.

#### **A reliable pump system for any application**

Grundfos SP is a range of stainless-steel submersible pumps designed to provide high-quality water supply. Combined with state-of-the-art motor technology and a remote management system, Grundfos SP can provide you with a complete submersible pump system for virtually any application.

#### **Future-proof operations with an SPE system**

Grundfos SPE combines the SP pump with a permanent magnet motor to reach the highest possible efficiency. With a canned rotor design, increased temperature rating (60 °C) and a stainless-steel rotor cladding protecting the magnets from corrosion, the motor offers high efficiency and reliability for a wide range of applications. The SPE system is the perfect choice to future-proof your operations and optimise expenses even when your demand may vary.



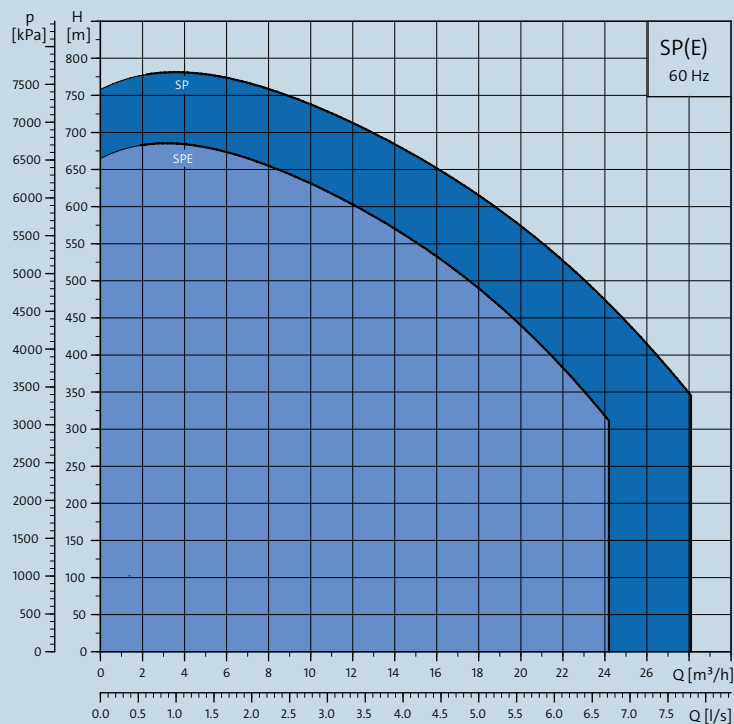
**GRUNDFOS** 

[grundfos.com](http://grundfos.com)

Possibility in every drop

## Technical data

	SP18	SPE18
Material execution, all stainless steel EN 1.4301/AISI304 EN 1.4401/AISI316 EN 1.4539/AISI904L	Standard Standard Standard	Standard Optional Optional
Hydraulic stage efficiency	77.5 %	77.5%
Minimum efficiency index (MEI)	> 0.7	> 0.7
Pump outlet	Rp2½ (R3)	Rp2½ (R3)
Motor type	Asynchronous Copper rods in rotor	Synchronous Permanent magnet in rotor (IPM) VFD required
Motor efficiency	Up to 85 %	Up to 93 %
Standard motor temperature rating	40 °C	60 °C
Sine wave filter with variable frequency drive (VFD)	Required	Optional



## Save time with Grundfos Product Center

Grundfos Product Center lets you find, configure and size pumps online. It is the fastest and easiest way to get exactly what you need.



Start at  
[product-selection.grundfos.com](http://product-selection.grundfos.com)

- Search by application, pump design or pump family
- Configure and select pumps to your exact specification
- Right-size pumps with the intelligent “Quick Size” tool
- Get full documentation – including curves, technical specifications, CAD drawings, spare part overview and installation videos