

The new generation of SP 6" pumps

Introducing optimised, reliable 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.

Reliable operations with an SPE system

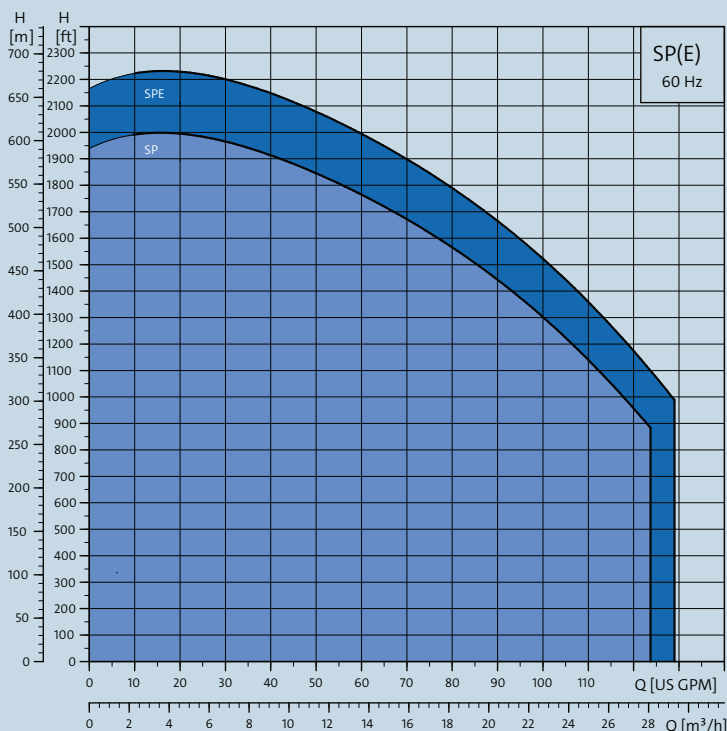
Grundfos SPE combines the SP pump with a permanent magnet motor to reach the highest possible efficiency. With a canned rotor design, increased temperature rating 140 °F (60 °C) and a stainless-steel rotor cladding protecting the magnets from corrosion, the motor offers high efficiency and reliability 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.



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Technical data

	SP 90S	SPE 90S
Material execution, all stainless steel EN 1.4301/AISI304 EN 1.4401/AISI316 EN 1.4539/AISI904L	Standard Standard Optional	Standard Optional Optional
Hydraulic stage efficiency	77.5 %	77.5%
DOE efficiency rating	PEI _{CL} .84 PEI _{VL} .51	PEI _{CL} .84 PEI _{VL} .32
Pump discharge thread	3" NPT	3" NPT
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	104 °F (40 °C)	140 °F (60 °C)
Sine wave filter with variable frequency drive (VFD)	Optional	Optional



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