

Grundfos SP90S/SPE90S, SP160S/SPE160S

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.



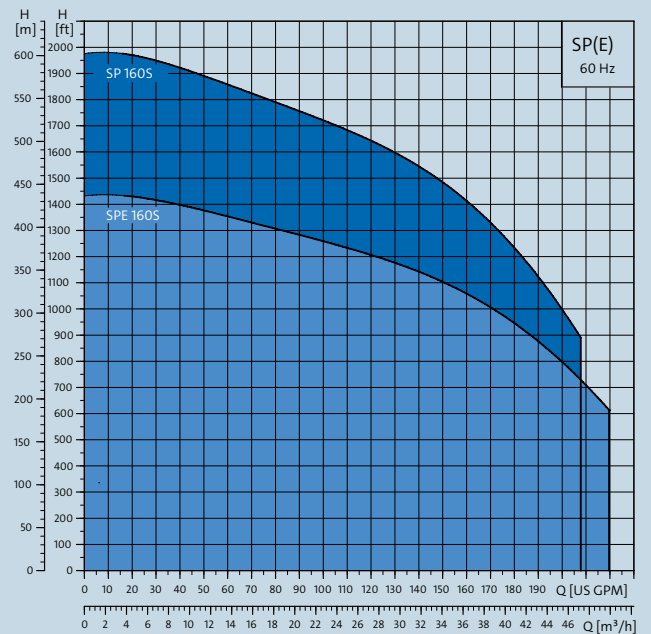
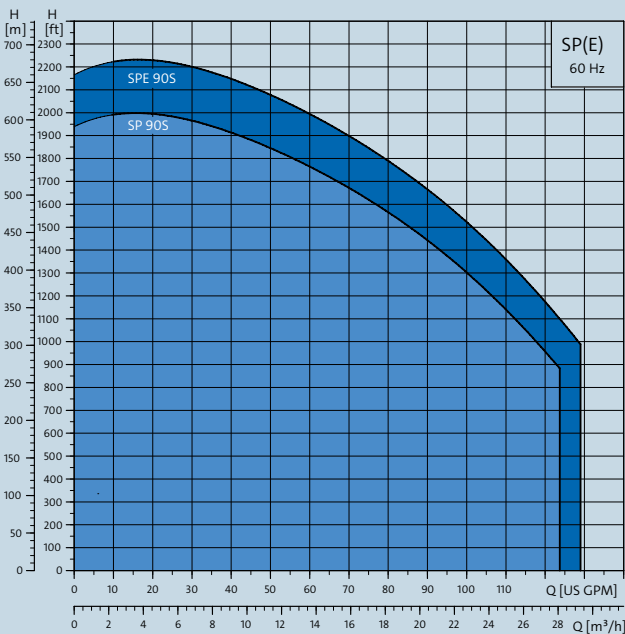
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Possibility in every drop

Technical data

	SP90S/SP160S	SPE90S/SPE160S
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	78%/79%	78%/79%
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	104 °F	140 °F
Sine wave filter with variable frequency drive (VFD)	Required	Optional



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