



Water Collection and Distribution



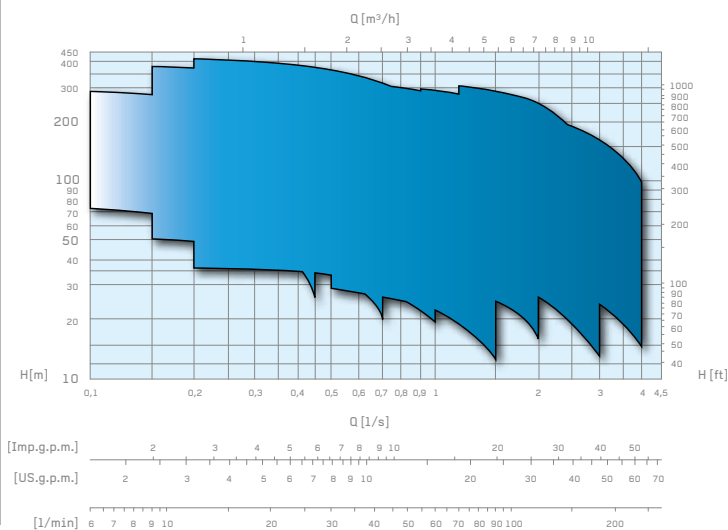
E4XP 
Electric stainless radial borehole pumps

High-efficiency multistage electric borehole pumps available in a wide range so as to perfectly suit whatever duty point may be required. Compact and stainless, they combine power and reliability owing to their pioneering type of construction (two exclusive patents) and the quality of the materials used to make them. They are designed to withstand galvanic corrosion thanks to the DEFENDER® passivating system. The EASY-CHECK disassembly system allows them to be easily serviced.

Machines conform to 2009/125/EC Directive (EcoDesign - ErP).

technical specifications

Capacity up to	l/s	4,5
Head up to	m	425
Power up to	kW	7,5



 **Line**
Electric stainless radial borehole pumps

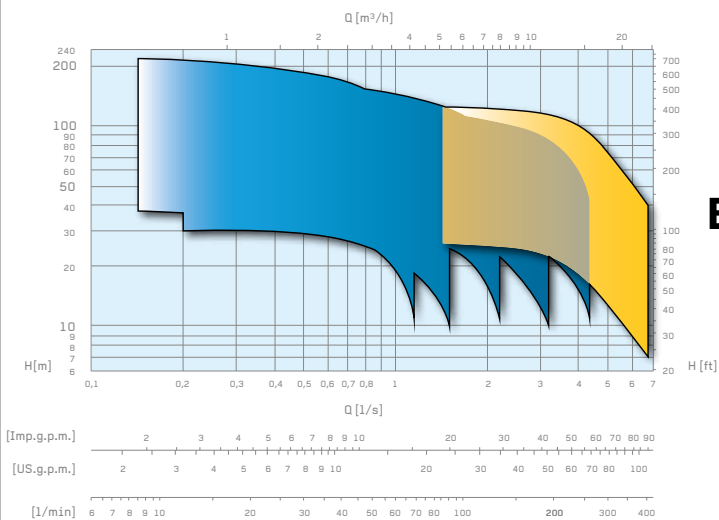
The right choice for high concentrations of solids and sand up to 300 g/m³.

The new 4" and 6" borehole pumps for small and medium-size wells are Caprari's answer to the need for high performance plus long life in extremely heavy duty conditions. Compact and stainless, they combine power and reliability thanks to the quality of the materials used to make them and their pioneering type of construction: SAND OUT SYSTEM, able to convey large amounts of sand and solids and DEFENDER® to protect the pump from electrochemical corrosion.

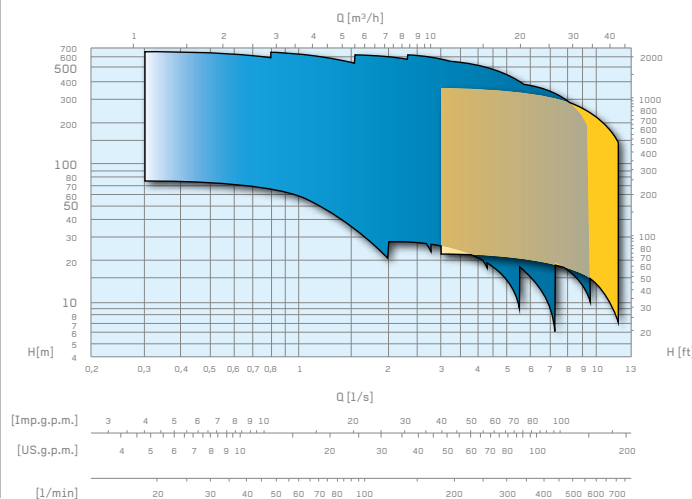
Machines conform to 2009/125/EC Directive (EcoDesign - ErP).

technical specifications

Capacity up to	l/s	12
Head up to	m	680
Power up to	kW	37



E4X



E6X

E6VX Electric stainless radial borehole pumps

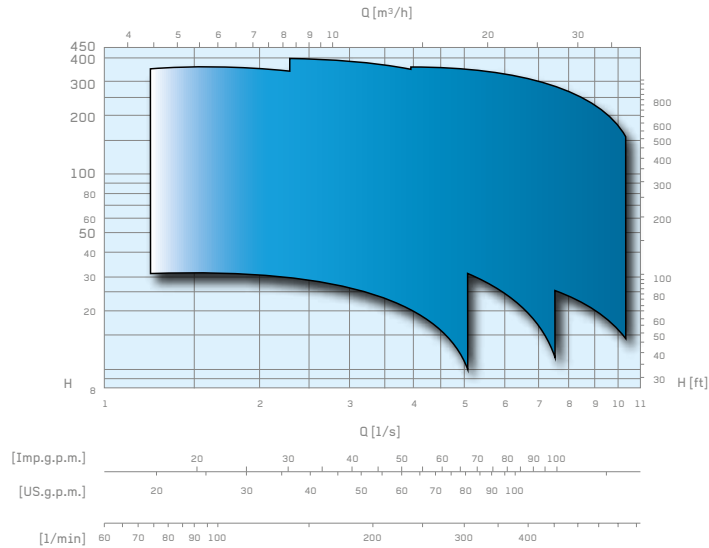
The E6VX series electric borehole pumps in stamped and welded stainless steel cover the segment of the market who requires stainless steel but not for aggressive and critical environments.

Regarding to our competitors' pumps, the E6VX series is the only one with a canned construction to be equipped with DEFENDER® protector, which is covered by a Caprari international patent: the result is a sturdier construction as well as greater resistance to electro-chemical corrosion and galvanic currents thanks to the passivating effect that DEFENDER® has on the stainless steel. DEFENDER® has been installed right to make the product longer lasting and distinguishes it from the competitors' product manufactured with a similar construction technology.

Machines conform to 2009/125/EC Directive (EcoDesign - ErP).

technical specifications

Capacity up to	l/s	9
Head up to	m	400
Power up to	kW	30



ESX - ERX Stainless steel electric mixed flow and radial borehole pumps

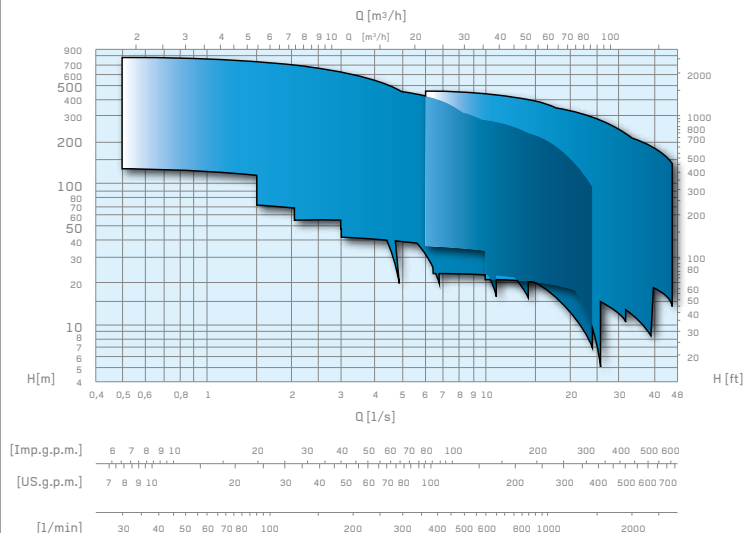
ENDURANCE: electric mixed flow and radial borehole pumps made entirely of microcast stainless steel, including impellers and diffusers. Designed to ensure top performance in any aggressive environment, even marine. They combine compact dimensions with high performance. They are Caprari's professional response to the most heavy-duty use and most difficult working conditions.

A great step forward in terms of reliability and performance compared to constructions of pressed - welded steel plate.

Machines conform to 2009/125/EC Directive (EcoDesign - ErP).

technical specifications

Capacity up to	l/s	50
Head up to	m	850
Power up to	kW	170

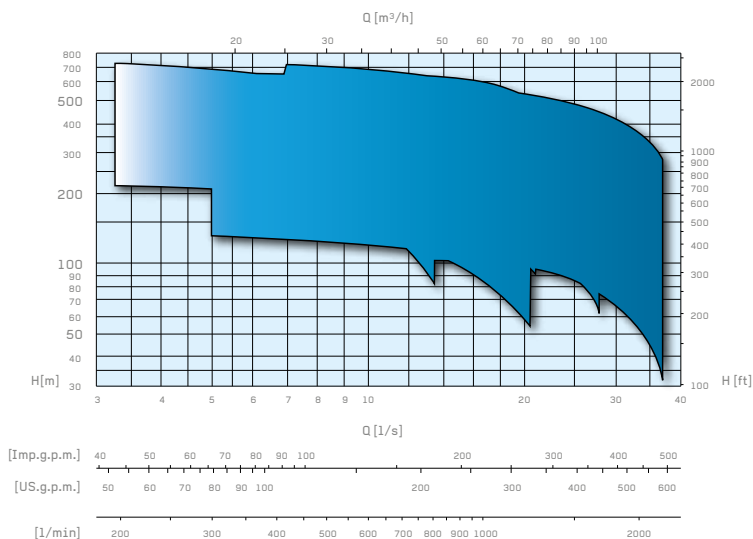


E8R - E10R Electric radial borehole pumps

Electric 8" and 10" radial borehole pumps able to reach high heads. Thanks to the limited axial dimensions of the wet-end these machines feature a high number of stages with limited length so as to make them compact and reliable. Very solid machines, designed to last and to always ensure peak performance and efficiency under heavy duty conditions of use at great depths of installation and extremely high heads.

technical specifications

Capacity up to	l/s	37
Head up to	m	770
Power up to	kW	170



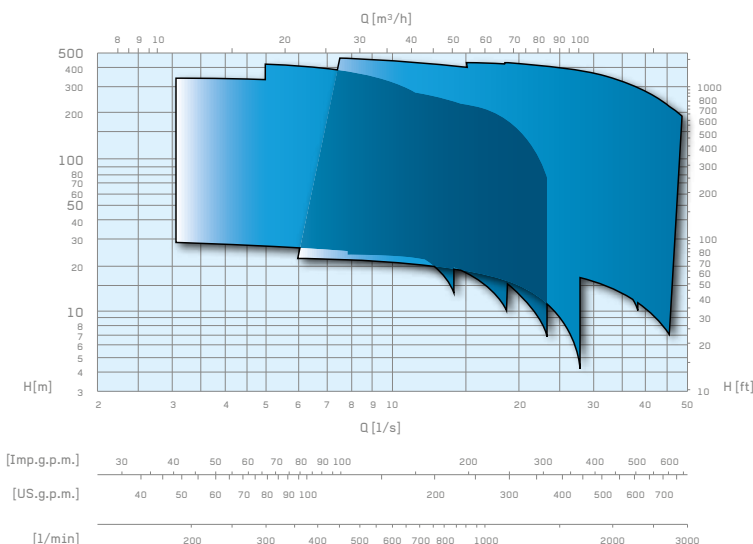
E6P - E8P Electric flow borehole pumps

Thanks to a computerized design and the most sophisticated productive technologie, Caprari offers the electric borehole pumps Energy range with benchmark performances and efficiencies. The new design and the innovative patented construction solutions ensure robustness, long life and reliability.

Machines conform to 2009/125/EC Directive (EcoDesign - ErP).

technical specifications

Capacity up to	l/s	48
Head up to	m	460
Power up to	kW	92

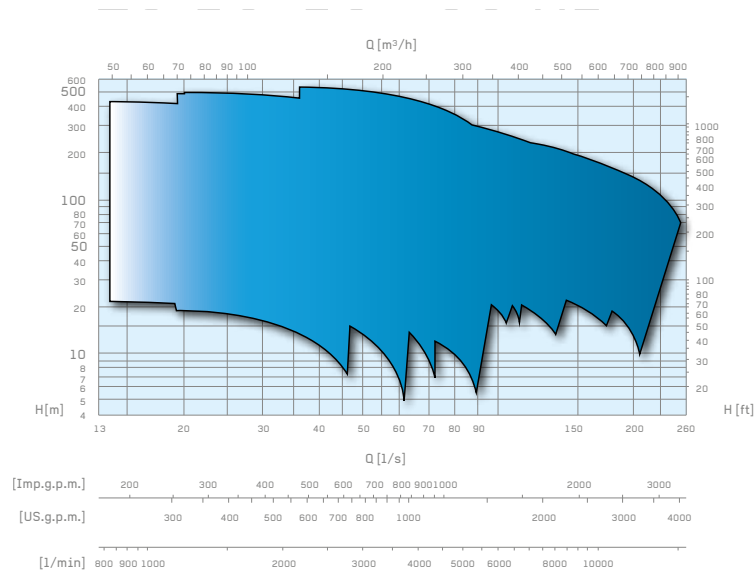


**E10S - E12S - E14S
E16S - E18S**
**Electric mixed flow
borehole pumps**

Electric mixed flow borehole pumps coupled with asynchronous borehole motors at 2.900 and 1.450 rpm. Tried and tested machines whose ideal use is for lifting medium flows and medium heads. These pumps are installed in wells all over the world with unanimous satisfaction of the users. Sturdy construction of cast iron, bronze or stainless steel with impellers locked on the stainless steel shaft. Their design makes them especially suited for lifting water containing sand.

technical specifications

Capacity up to	l/s	250
Head up to	m	600
Power up to	kW	370



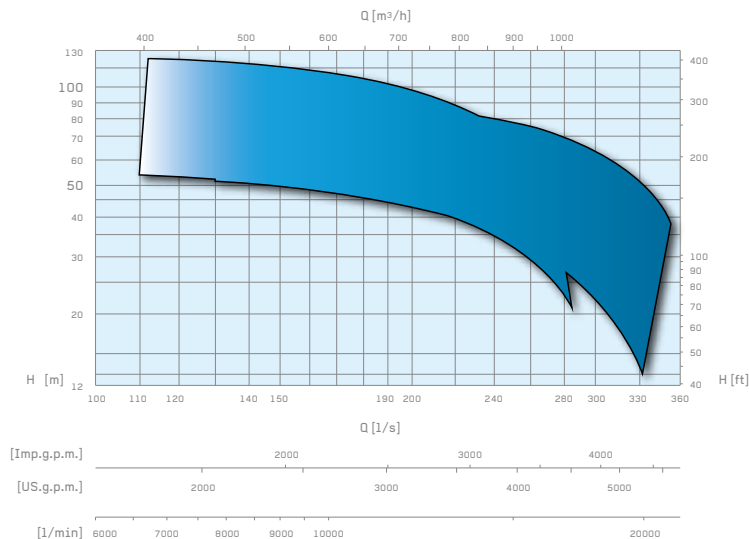
E20S - E22S
**Electric mixed flow
borehole pumps**

Electric mixed flow borehole lifting pumps that require medium-high flows.

Coupled to asynchronous borehole motors at 1.450 rpm, thanks to the low speed of rotation they ensure great reliability with low wear and a long life. Sturdy construction of cast iron, bronze or stainless steel with impellers locked on the stainless steel shaft. These electric pumps are particularly suited for continuous use in water supply, treatment systems and industrial systems in general where, besides their great reliability, energy savings play a fundamental role ensured by the excellent hydraulic efficiencies that characterise these electric pumps.

technical specifications

Capacity up to	l/s	350
Head up to	m	130
Power up to	kW	240



MC4 Submersible Motors

Rewindable submersible single-phase and three-phase asynchronous motors expressly designed for use with "E" Serie Pumps.

Made in 2 poles, water filled. NEMA standards for 4".

technical specifications

Poles		2
Frequency	Hz	50 and 60
Power up to	kW	7,5



MAC 6



MAC 6



Submersible Motors

The new generation of submersible motors stands out for innovation, technology and uniqueness.

A result achieved through a steady research, with the application of the most modern methods of design integrated with the most advanced production technologies. These submersible motors guarantee very high performances, absolute reliability in heavy duty conditions of use and strong resistance to high temperatures.

technical specifications

Poles		2
Frequency	Hz	50 and 60
Power up to	kW	45



MAC8 - M14 Submersible Motors

Rewindable submersible three-phase asynchronous motors expressly designed for use with "E" Series pumps. Made both in 2 and 4 poles, water filled NEMA standards for 8" flanged connection. A careful study of the supports and thrust-bearing devices, using the finest materials available, is an assurance of greater reliability over time. An exclusive electrical project combined with a series of specific precautions, dictated by profound experience in the field, provide incomparable operating efficiency in both deep wells and in industrial use or water supply.

Available in different construction metallurgies, they are the best solution for heavy duty conditions and professional systems.

technical specifications 2 Poles

Frequency	Hz	50 and 60
Power up to	kW	440

technical specifications 4 Poles

Frequency	Hz	50 and 60
Power up to	kW	295



BOOSTER SETS

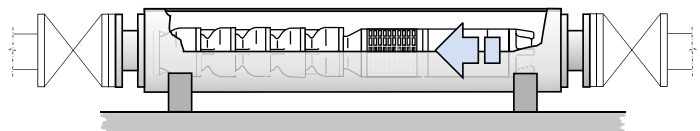
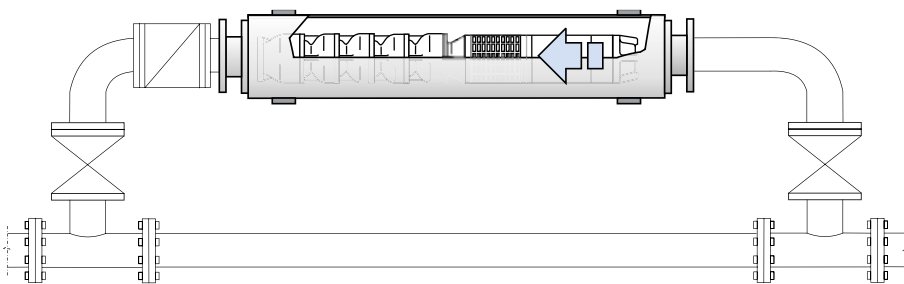
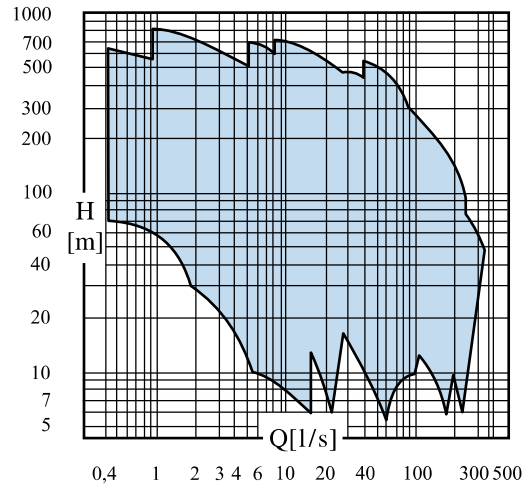
Booster sets for electric borehole pumps made of stainless steel or galvanized steel for horizontal or vertical installations, well suited not only to new systems but also to existing pipelines.

Caprari's experience in making electric borehole pumps for every field of application has been applied to these niche installations and is the best guarantee for an optimal solution in terms of reliability, efficiency and cost-effective system operation.

A peculiar feature of the installation of electric borehole pumps in booster sets is their silent operation. This solution is therefore recommended in lifting stations near to residential areas, as an alternative to conventional surface electric pumps.

technical specifications

Capacity up to	l/s	350
Head up to	m	830
Power up to	kW	370



P6 ÷ P18 Vertical turbine pumps

Vertical lineshaft pumps with submerged pump bowl, lineshaft and drive unit on the surface, for installation in deep wells or tanks. Featuring an extremely solid and reliable construction design, they ensure great application flexibility. The technical characteristics and broad range of versions make this series ideal for pumping services in the sectors of water supply, industry, private and consortium irrigation and in fire-fighting systems. These machines can be controlled both by electric motors and by diesel engines and they ensure unequalled service efficiency.

technical specifications

Capacity up to	l/s	400
Head up to	m	250
Power up to	kW	400

