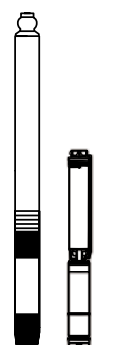


Borehole Electric Pumps 4" – 6"
Electropompes Immergées 4" – 6"
Elettropompe Sommerse 4" – 6"

desert

caprari
pumping power



desert
LINE

Desert

LINE



NEXT GENERATION

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

La solution pour les fortes concentrations de solides et de sable jusqu'à 300 g/m³

La soluzione per alte concentrazioni di solidi e sabbia fino a 300 g/m³

The new 4" and 6" submersible 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 their pioneering type of construction and the quality of the materials.

Les nouvelles pompes immergées 4" et 6" destinées aux puits de petites et moyennes dimensions sont la réponse Caprari à l'exigence d'allier les hautes performances à la durée de vie dans des conditions d'utilisation particulièrement difficiles. Compactes et inoxydables, elles allient puissance et fiabilité grâce à la qualité des matériaux utilisés et aux solutions novatrices de fabrication.

Le nuove sommerse 4" e 6", per piccoli e medi pozzi rappresentano la risposta Caprari all'esigenza di coniugare elevate prestazioni a lunga durata in condizioni di utilizzo estremamente gravose. Compacte ed inossidabili, uniscono potenza ed affidabilità grazie alla qualità dei materiali utilizzati e alle innovative soluzioni adottate.



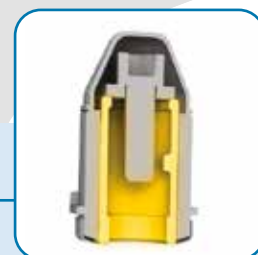
Desert



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pumping power



- Bearing protection**
Protection du palier de support
Protezione della supportazione

- Bushings in sandproof material**
Bagues en matériau anti-sable
Bussole in materiale antisabbia

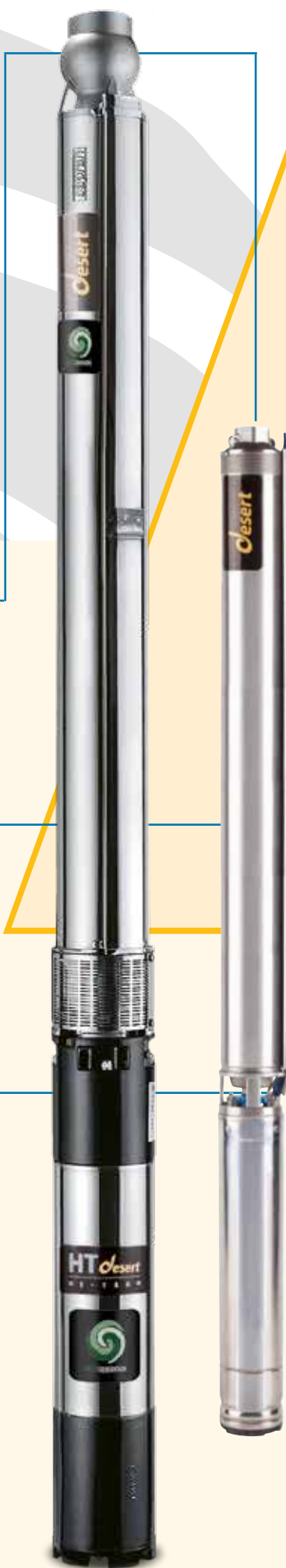
- Impellers in technopolymer with additional reinforcing**
Roues en polymère technique à haute résistance à l'abrasion
Giranti in tecnopolimero ancora più rinforzato

- Defender®: protects both pump and electric motor from corrosion and galvanic currents by passivating the stainless steel**
Defender®: fait fonction d'inhibiteur de la corrosion électro-chimique, en permettant la passivation de l'acier inoxydable, il protège aussi bien la pompe que le moteur électrique
Defender®: funge da protettore sia della pompa che del motore elettrico, dalla corrosione e dalle correnti galvaniche passivando l'acciaio inox

- Performance in accordance with ISO9906 standard grade 3B**
Performances selon les normes ISO 9906 grade 3B
Prestazioni secondo la norma ISO 9906 grado 3B

- Machines conform to 2009/125/EC Directive (EcoDesign – ErP)**
Machines conformes à la Directive 2009/125/CE (EcoDesign – ErP)
Macchine conformi alla Direttiva 2009/125/CE (EcoDesign - ErP)





up to **E**Xtra **P**erformance
450 g/m³
Desert

pumps for specific applications with
high percentage of solids and sand

*pompes pour applications spécifiques
à haute teneur en solides et sable*

**pompe per applicazioni specifiche
ad alto contenuto di sabbia**

E4XPD60

with Easy-Check System
avec Easy-Check System
con Easy-Check System

Caprari International Patent

E6XPD52

with Smart-Fix System
avec Smart-Fix System
con Smart-Fix System

Caprari International Patent



Caprari International Patent

Desert



E4XED

Desert

As well as featuring all the characteristics and advantages of the E4XP Energy version, E4XED Desert guarantees reliable operation in extreme conditions

Tout en maintenant les caractéristiques et les avantages offerts par la E4XP energy, la E4XED desert apporte la garantie d'une fiabilité de fonctionnement même dans des conditions extrêmes

Mantenendo inalterate le caratteristiche e i vantaggi offerti dalla E4XP energy, la E4XED Desert garantisce affidabilità di funzionamento anche in condizioni estreme

Caprari **Sand-Out System**

The new wear ring system ensures long life and reliable operation even when the pumped fluid contains large amounts of sand and solids. It also provides a reliable starting surge, thereby avoiding maintenance costs due to faulty operation

Caprari **Sand-Out System**

Le nouveau système de bague d'usure augmente la durée et la fiabilité de fonctionnement même en présence de grosses quantités de sable et de solides, il garantit également le bon démarrage, en évitant les coûts d'entretien dus à un éventuel blocage

Caprari **Sand-Out System**

Il nuovo sistema di rasamento assicura durata ed affidabilità di funzionamento anche in presenza di grosse quantità di sabbia e solidi; inoltre garantisce lo spunto all'avviamento, evitando costi di manutenzione dovuti al malfunzionamento



Caprari International Patent

Submersible motor

Asynchronous with short-circuited squirrel-cage rotor, shaft and flanging connecting spigot in compliance with NEMA standards, 2 poles, three-phase up to 7,5 kW, single-phase with permanently switched-in capacitor up to 2,2 kW; stator featuring easy removal for rewinding purposes and totally prefilled in the factory with a dielectric/non-toxic oil meeting the requirements prescribed by Farmacopea Italiana prescriptions and approved by the Food and Drug Administration (USA). Oil leak by way of the shaft is prevented by a double seal protected by a silt excluder. There is a pressure-equalizing diaphragm which balances the internal/external pressures and accommodates variations in oil volume caused by heat build-up during operation.

- Protection degree: IP 68
- Insulation class: B

Moteur immergé

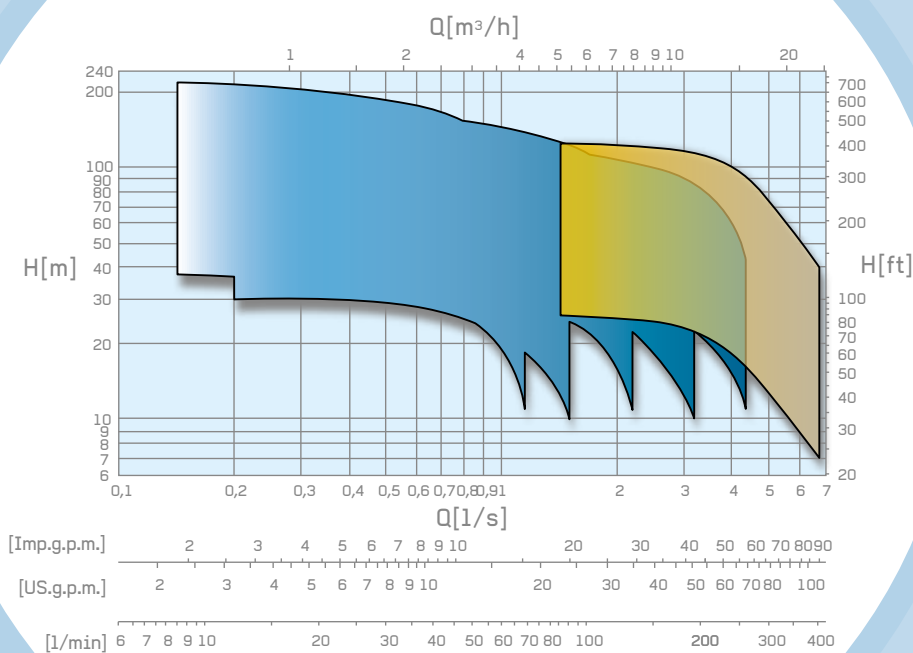
Asynchrone muni d'un rotor en court-circuit, brides et bout d'arbre conformes aux normes Nema, 2 pôles, triphasé jusqu'à 7,5 kW, ou bien monophasé avec condensateur extérieur permanent jusqu'à 2,2 kW; stator facilement extractible pour une éventuelle opération de rebobinage, entièrement rempli en usine avec une huile diélectrique et atoxique conforme à ce que prescrit la Farmacopea Ufficiale Italiana et approuvé par la Food and Drug Administration (U.S.A.) dont l'étanchéité sur l'arbre est assurée par une garniture mécanique protégée par un système anti-sable; membrane de compensation pour l'équilibre de la pression interne/externe et pour la variation du volume de l'huile due à la température.

- Degré de protection: IP 68
- Isolation classe: B

Motore sommerso

Asincrono con rotore in corto circuito, sporgenza d'albero e flangiatura secondo norme Nema, 2 poli, trifase fino a 7,5 kW, monofase con condensatore esterno permanentemente inserito fino a 2,2 kW; statore estraibile per l'eventuale riavvolgimento, totalmente riempito in fabbrica con olio dielettrico ed atossico conforme alle prescrizioni della Farmacopea Italiana ed approvato dalla Food and Drug Administration (U.S.A.) la cui fuoriuscita attraverso l'albero è impedita da una doppia tenuta protetta da parasabbia; membrana di compensazione per l'equilibrio delle pressioni interna/esterna e per la variazione del volume dell'olio dovuta alla temperatura.

- Grado di protezione: IP 68
- Classe di isolamento: B



Certification for use with drinking water: DM174, ACS
Certification pour l'emploi en eau potable : DM174, ACS
Certificazione per l'impiego in acqua potabile: DM174, ACS

E6XD

desert

Thanks to components designed with increasing accuracy and materials that are becoming more and more performance-oriented, these pumps are at the top of their category as to abrasion resistance and, more generally, use in extreme conditions

Grâce à la conception des composants de plus en plus poussée et à l'utilisation de matériaux toujours plus performants, la machine se place en haut de gamme pour sa résistance à l'abrasion, et en général, pour les applications les plus extrêmes

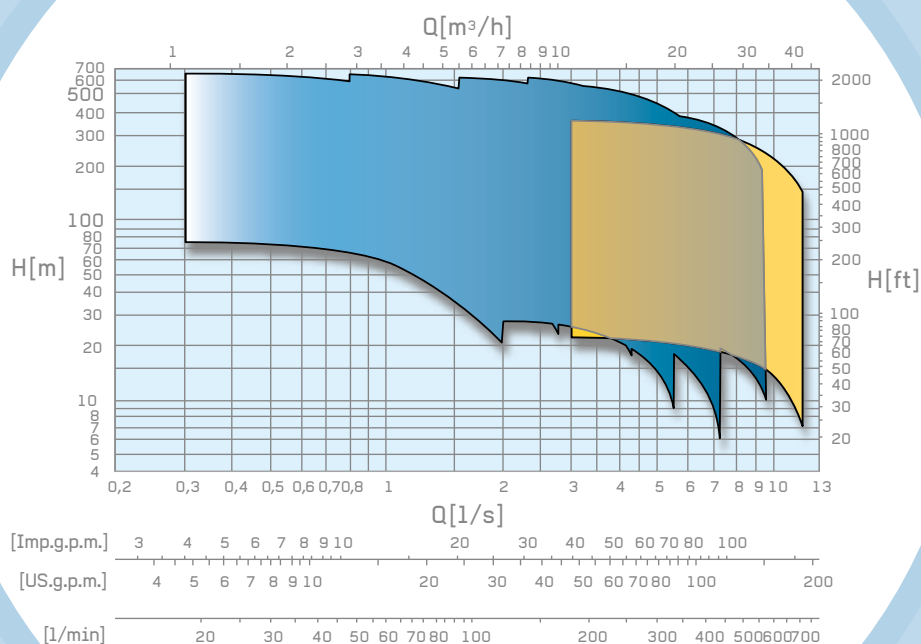
Grazie ad una sempre più accurata progettazione dei componenti e all'utilizzo di materiali sempre più performanti, la macchina si pone ai vertici per resistenza all'abrasione e, in generale, per le applicazioni più gravose

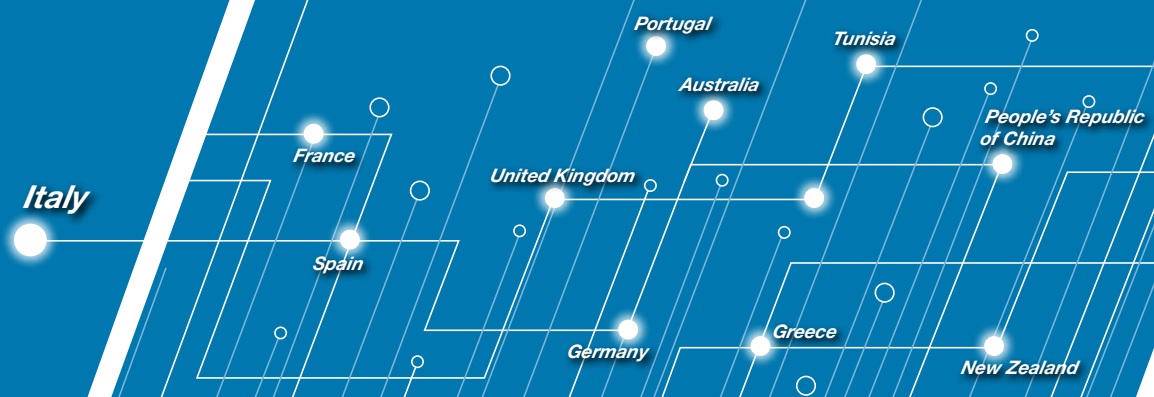


Caprari International Patent

- Caprari Smart-Fix System**
 Valve-pump casing fastening system
Caprari Smart-Fix System
Système de fixation clapet/corps de pompe
Caprari Smart-Fix System
 Sistema di fissaggio valvola-corpo pompa

- Bearings protected against the entrance of sand**
Cousinettes protégées des entrées de sable
Cuscinetti protetti dall'ingresso di sabbia





CAPRARI SPA Modena (Italy) • **CAPRARI FRANCE SARL** Maurepas - Paris (France) • **BOMBAS CAPRARI SA** Alcalá de Henares Madrid (Spain) • **CAPRARI PUMPS (U.K.) LTD** Peterborough (United Kingdom) • **CAPRARI PUMPEN GMBH** Fürth/Bayern (Germany) • **CAPRARI PORTUGAL LDA** Santarém (Portugal) • **CAPRARI PUMPS AUSTRALIA PTY LTD** Beverley SA (Australia) • **CAPRARI HELLAS SA** Thessaloniki (Greece) • **CAPRARI TUNISIE SA** Ben Arous (Tunisia) • **CAPRARI PUMPS (SHANGHAI) CO LTD** Shanghai (People's Republic of China) • **CAPRARI PUMPS NEW ZEALAND** Christchurch (New Zealand)



**Water Collection
and Distribution**



**Boosting and Distribution
of surface water**



**Wastewater
Transport and Treatment**



**Pump Control
Technology**

caprari
pumping power



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