

Caprari's stainless steel PMXT ENDURANCE range

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Caprari's new range of high pressure multistage surface horizontal pumps series PMXT ENDURANCE is completely made of precision-cast stainless steel.

The pumps have very thick components, high performing materials, innovative technical solutions and the smooth surface of hydraulic profiles aims performance, robustness and reliability.

The range is made of AISI 316 stainless steel precision-castings, has balanced mechanical seals and performance values up to 100 bar pressure with top-level efficiency ratings. Full duplex and full superduplex versions make the pumps suitable for extreme industrial applications such as reverse osmosis, sea water fire prevention, sea water injection, etc.

Long product life

The Caprari axial thrust compensation system is present on the whole range, minimizing the loads that persist on the bearings of the machine, giving the product a long life. The wear rings are replaceable and made in duplex with anti-seizing properties and self-lubricated. This solution makes it possible to minimise the gap between the impeller and the wear ring, improving hydraulic efficiency and avoiding seizure problems.

Optional PT100 probes monitor bearing temperatures and together with optional vibration probes, make it is easy to monitor the wear level of the bearings, thus preventing costly downtime.