

Rovatti Extends Production of Centrifugal Pumps

With the aim of providing solutions that exceed excellence in the centrifugal pump industry, **Rovatti Pompe** continues to field products capable of representing the most suitable answer for engineers, installers and hydraulics specialists. In fact, as enquiries regarding high-performance pumping stations are globally increasing representing a dare for manufacturers, the Italian Company is proud to present the new groundbreaking 10E-180 series of 10" mixed-flow borehole electric pumps extending the established E-Series (constantly subject of development and technical renovation). New 10E-180 range, in addition to offering an hydraulic efficiency close to 80 percent, presents many distinguishing characteristics regarding manufacture as the use of AISI 316 stainless steel investment casting impellers which are dynamically and hydraulically balanced. This type of execution is able to ensure maximum reliability thanks to the single



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monolithic construction, a very thick structure and by presenting no welding joints together with a compact and smooth surface which has the further advantage to improve hydraulic efficiency. In addition to this, all pumps in the 10E-180 range are cataphoresis treated in order to considerably increase the resistance to wear and corrosion.

Rovatti cataphoresis treatment is characterized by a high adhesion to the surfaces and uniformity of the coating also in the inner cavities of the component. The result is a black semi-gloss protective layer with homogeneous thickness that produces a reduced surface friction in the hydraulic channels improving pump performances. ■

Sulzer Introduces Recirculation Pump

Sulzer has introduced a new efficient submersible recirculation pump type ABS XRCP 800 PA with a completely new design. The new pump series is developed for the pumping and recirculation of activated sludge in wastewater treatment plants during the nitrification and denitrification process,

as well as for the pumping of storm, surface, and river water. It complements the submersible recirculation pump series ABS RCP. Like all Sulzer submersible pumps and mixers, the new XRCP 800 PA pump series offers an economical and reliable option for wastewater treatment applications.

For the customers, the low energy consumption of the pump brings savings in total life-cycle costs and reduces the environmental footprint. The submersible recirculation pump type XRCP is designed as a compact, water-pressure-tight unit, including the propeller and bracket. The well-proven automatic coupling system uses a single guide rail and guarantees a quick and economical installation. The XRCP is available in two standard material versions; cast iron and stainless steel. The maximum temperature of the medium for continuous operation is 40°C (104°F). The XRCP 800 PA series pumps are equipped with a submersible premium efficiency IE3 squirrel cage and 3-phase, 4-pole, 50 Hz (60Hz) motors with a power range up to 22 kW. Their insulation class is F (155°C). Sulzer's present submersible recirculation pump series ABS RCP will be maintained in parallel with the new XRCP series for the time being. ■



The submersible recirculation pump type ABS XRCP 800 PA