

TC.EH

The "sanitary" par excellence

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PRESENTATION



Range of sanitary centrifugal pumps in stainless steel, with an hygienic and elegant design, ideal for those processes of the food and pharmaceutical industries that point to preserve the integrity of the trasferred fluids from external agents.

Ideal even as a blending system for mixing or disperding poweders inside aqueous base solutions.

The construction solution adopted make the pump easy and fast to disassemble, in order to ensure a quick and complete visible inspection or maintenance.

APPLICATIONS



Mineral water



Beer, beverage and winery



Dairies



Chemical and pharma



Juices and concentrates

TECNICAL DATA

Connections	DIN 11851 (standard), Tri-clamp, SMS, flange (regulations on request), GAS, ENO-GAROLLA, RJT	Flow	Up to 150 m³/h
Impeller	Open, 3 or 4 blades	Head	Up to 70 m.c.a.
Pump housing materials	AISI 316L (1.4404), AISI 304L (1.4304), for estruded or laminated components; CF8 and CF8M for micro-casted components, in diferents configurations depending on duty	Maximum pressure on the inlet pipeline	Up to 12 Bar on standard versions
Mechanical seal and gaskets	Internal single execution or external double flushed, materials of the faces and the elastomers depending on the transferred fluids	Temperature	Between -20°C e +240°C Other outer range temperatures on request
Frame	Depending on duty: Monobloc with B5 flange, even with sealed or lubricated bearing Independent frame with free end shaft and lubricated bearings	Viscosity	Up to 500 cP
Motor	3ph, according to IEC with 2 or 4 poles, insulation class depending on the transferred fluid temperature. On request even with ATEX execution or according to specific regulations (UL-CSA, NEMA)	Suspended solids	For clean liquids or with presence of suspended solids also filamentous. Maximum dimensions of suspended solids indicated on the pump technical data sheet