

# TC.NS

Mechanical strenght and high performances



## PRESENTATION

Range of sanitary centrifugal pumps in stainless steel, with high strenght and specifically designed in order to face the most demanding and adverse employment conditions. The particular mechanical structure gives to the pump high resistance and stability even in situations where the pressure on the inlet pipe line can reach up to 40 Bar, and the trasferred fluid is discontinuos and non-homogeneous.

Ideal as a pressurization pump on filtration systems technology.

## APPLICATIONS



Mineral water



Beer, beverage and winery



Dairies



Chemical and pharma



Water treatment

## TECNICAL DATA

<b>Connections</b>	DIN 11851 (standard), Tri-clamp, SMS, flange (regulations on request), GAS, ENO-GAROLLA, RJT	<b>Flow</b>	Up to 250 m <sup>3</sup> /h
<b>Impeller</b>	Semi-open	<b>Head</b>	Up to 100 m.c.a.
<b>Pump housing materials</b>	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	<b>Maximum pressure on the inlet pipeline</b>	Up to 15 Bar on standard versions Up to 40 Bar on specialized versions
<b>Mechanical seal and gaskets</b>	Internal single execution or external double flushed, materials of the faces and the elastomers depending on the transferred fluids	<b>Temperature</b>	Between -20°C e +240°C Other outer range temperatures on request
<b>Frame</b>	Depending on duty: Monobloc with B5 flange, even with sealed or lubricated bearing Independent frame with free end shaft and lubricated bearings	<b>Viscosity</b>	Up to 300 cP
<b>Motor</b>	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)	<b>Suspended solids</b>	Generally for clean liquids. For specific applications, the usage limits with suspended solids are indicated on the pump technical data sheet

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