

# TC.GA

Movimentation of suspended solids and filaments

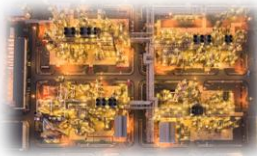
## PRESENTATION



Range of sanitary centrifugal pumps in stainless steel, with backward vortex impeller. They represent the easiest solution in the pumping of slurry fluids that contains a high percentage of suspended solids, also filamentous, which derive from discharges of the water-treatment, food and chemical industries.

The reduced number of components decrease the time of maintenance and the compact design facilitates the disassembly for a complete inspection.

## APPLICATIONS



Chemical



Water treatments



Preserves



Paper



Aquiculture

## TECNICAL DATA

<b>Connections</b>	DIN 11851 (standard), Tri-clamp, SMS, flange (regulations on request), GAS, ENO-GAROLLA, RJT	<b>Flow</b>	Up to 115 m <sup>3</sup> /h
<b>Impeller</b>	Open, 5 blades	<b>Head</b>	Up to 40 m.c.a.
<b>Pump housing materials</b>	AISI 316L (1.4404), AISI 304L (1.4304), for extruded or laminated components; CF8 for micro-casted components, in diferents configurations depending on duty	<b>Maximum pressure on the inlet pipeline</b>	Up to 9 Bar on standard 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 500 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>	For clean liquids or with presence of suspended solids also filamentous. Maximum dimensions of suspended solids indicated on the pump technical data sheet

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