

TC.EVO-S e TC.EVO-SC

Refined strength, a technical state-of-the-art



PRESENTATION

Range of sanitary centrifugal pumps in stainless steel, suitable for a wide range of applications on the water treatment, agriculture, food, and chemical - pharmaceutical industries. Due to the particular design of the hydraulic case and the impeller, it is possible to cover a wide range of performances, by guarantying at the same time high standards of hygiene.

Hydraulic case available in twice versions: With micro-casted components or with stainless steel full bar raw materials.

APPLICATIONS



Mineral water



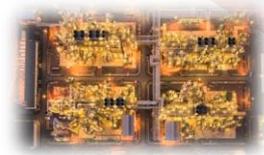
Beer, beverage and winery



Dairies



Preserves



Chemical and pharma

TECNICAL DATA

Connections	DIN 11851 (standard), Tri-clamp, SMS, flange (regulations on request), GAS, ENO-GAROLLA, RJT	Flow	Up to 500 m ³ /h
Impeller	Semi-open	Head	Up to 100 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 15 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 +180°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 300 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. For specific applications, the usage limits with suspended solids are indicated on the pump technical data sheet

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