

# TC.ZV e TC.ZV/QS

Gentle, reliable and innovative product handling



## PRESENTATION



Range of sanitary mixed flow pumps in stainless steel, equipped with helicoidal screw shaped impeller and realised with a rugged and innovative design. Ideal solution in the gentle hydraulic transportation of delicate food products such as fruits, vegetables or fishes, without damages or alterations to the organoleptic characteristics.

Possibility of modifications in regarding to products, processes and applications.

## APPLICATIONS



Water treatment



Preserves



Aquiculture



Dairies and curd



Juices and concentrates

## TECNICAL DATA

<b>Connections</b>	DIN 11851 (standard), Tri-clamp, flange (regulations on request)	<b>Flow</b>	Up to 1500 m <sup>3</sup> /h
<b>Impeller</b>	Helicoidal, simple or double lead screw	<b>Head</b>	Up to 45 m.c.a.
<b>Pump housing materials</b>	AISI 316L (1.4404), AISI 304L (1.4304), for extruded 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
<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 4, 6 or 8 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 liquids with suspended solids, even filamentous. The maximum dimensions of the same are indicated on the pump technical data sheet

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