

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

Connections	DIN 11851 (standard), Tri-clamp, flange (regulations on request)	Flow	Up to 1500 m ³ /h
Impeller	Helicoidal, simple or double lead screw	Head	Up to 45 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 +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 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)	Suspended solids	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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