

Peristaltic Pump REVELLO RPE1



Reference: RPE1

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The peristaltic pump REVELLO RPE1 is based on the principle of peristalsis according which the prevalence to the fluid treated is given by a crushing sliding along the pipe. With this method the more or less dense liquids are transported in a delicate and soft way. The pump is suitable for the pouring of liquids (wine, fruit juices, milk, and oil) and semisolid products (crushed and intact grapes, grapes after the removal of stalks, tomatoes). The pump consists of a rotor bearing two rollers that while rotating compress the rubber pipe causing the advancement of the liquid. The alternation between compression and relaxation of the pipe generates vacuum sucking the product and consequently a constant delivery. The advantages of this type of pump are a delicate pumping preventing oxidizations, shakings, emulsions, crushing of berries and seeds, and contacts between the product and mechanical parts.

Pump type: Peristaltic
Type of material treated: Wine and food fluids
Pump body material: Stainless steel AISI 304
Spins per minute: 43
Litres per hour: 100
Prevalence: 20 m.
Attacks: 1/2" GAS
Power: 0.18 KW
Length: 410 mm
Width: 250 mm
Height: 220 mm
Weight: 14,70 Kg.

Stainless steel pump body AISI 304

- Rotor with two rolls mounted on bearings
- Motor reducer directly applied on the bearing element
- AISI 304 stainless steel self supporting stand
- Control panel with reverse feature
- Double pipe of rubber for use in food industry
- "Inverter" electronic speed variator
- Expansion tank
- Safety pressure switch
- Automatic lubrication of the rubber pipe

Technical Sheet

Phase	Three phase
Frequency (Hz)	50
Voltage (V)	400
Engine rpm (rpm)	43
Pump type	Peristaltic Pump
Fluid type	Edible Liquids
Maximum output capacity (Lt/min)	100
Max power (KW)	0.18
Inlet diameter thread type (mm/inches)	13 mm - ½ "
Total head (m)	20
Length (mm)	410
Width (mm)	250
Height (mm)	220
Dry weight (Kg)	14.7
Inverter	Yes