



# EV SERIES

Vertical multistage pumps



# EV STAINLESS STEEL VERTICAL MULTISTAGE PUMPS

## NEW STANDARD IN TERMS OF EFFICIENCY AND PUMPING CAPACITY

### Advanced technology in performance and reliability

#### FEATURES

- Full stainless steel in contact with water (inox version), compact and solid structure
- Diffuser bushing made of carbon for durability against dry running (EV 30-45-65-95)
- Easy disassembly without any tool
- Easy installation IN LINE ports
- Fabricated stainless steel impeller and diffuser for corrosion resistance and superior efficiency
- Liquid end made of stainless steel in order to achieve durability, superior efficiency and the highest performances
- New hydraulic design for the highest efficiency
- Oversize ball bearing (bearing bracket) ensure motor bearing long life and eliminates axial and other adjustments of moving parts
- PTFE WRAS certified replacement floating neck ring for cost effective maintenance and long-lasting performance
- Removal of the mechanical seal without dismounting the motor (EV 15-20-30-45-65-95 50Hz models higher than 4 KW, motor weight higher than 30 Kg)
- Replaceable stainless steel wear ring in the neck of the impeller (EV 30-45-65-95)
- Shaft bearing and journal sleeve made of tungsten carbide
- Standard balanced mechanical seal (EN 12756 ex DIN 24960) WRAS certified
- Standard motor without oversize bearing, size B14 up to 4kW / size B5 from 5.5kW and above, IE2
- Tungsten carbide intermediate bearing to control and eliminate vibration and stabilize the rotor with a large number of stages
- WRAS certified pumps (EV 1 - 3 - 6 - 10 for AISI 304 version; EV 15 - 20 - 30 - 45 - 65 - 95 for AISI 316 version)

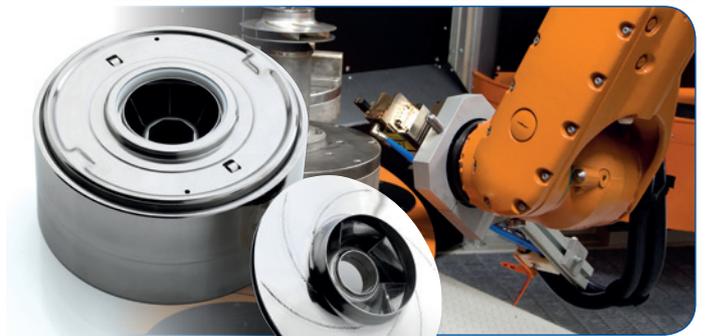
#### SPECIFICATIONS

- **Capacities:** up to 120 m<sup>3</sup>/h at 50Hz - up to 75 m<sup>3</sup>/h at 60Hz
- **Head:** up to 30 Bar
- **Direction of rotation:** clockwise looking at the pump from the top down
- **Discharge and Suction port:** Oval, Round flanges, Victaulic and Clamp connections
- **Hydraulic characteristics are guaranteed, according to ISO standard 9906 grade 3**
- **Liquid temperature range:** from -15°C to +120°C
- **Materials:** suitable for handling potable water (materials WRAS certified)
- **Maximum working pressure:** Oval flange 16 Bar; Round Flange, Victaulic and Clamp connections 25 Bar
- **Motor powers:** from 2.2 to 45 kW at 50Hz, from 3 to 45 kW at 60Hz

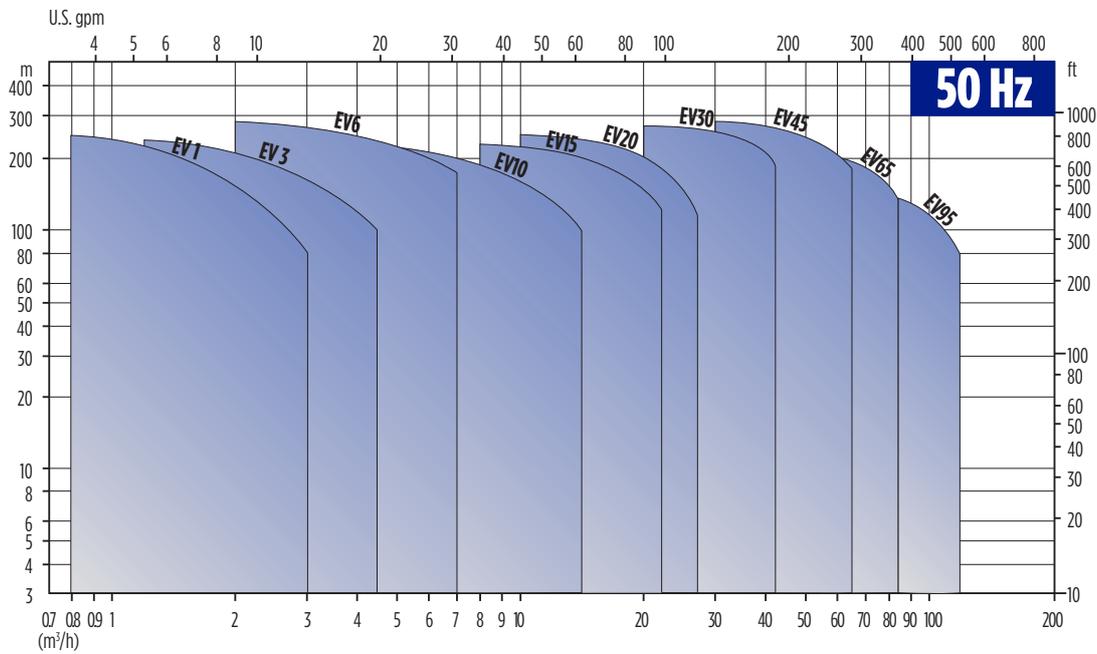
#### APPLICATIONS

- Boiler feed
- Circulation of hot and cold water for heating, cooling and conditioning systems
- Handling of water, free of suspended solids, in the civil, industrial and agricultural sector
- Irrigation systems
- Pressure boosting and water supply systems
- Wash down unit
- Water treatment plants

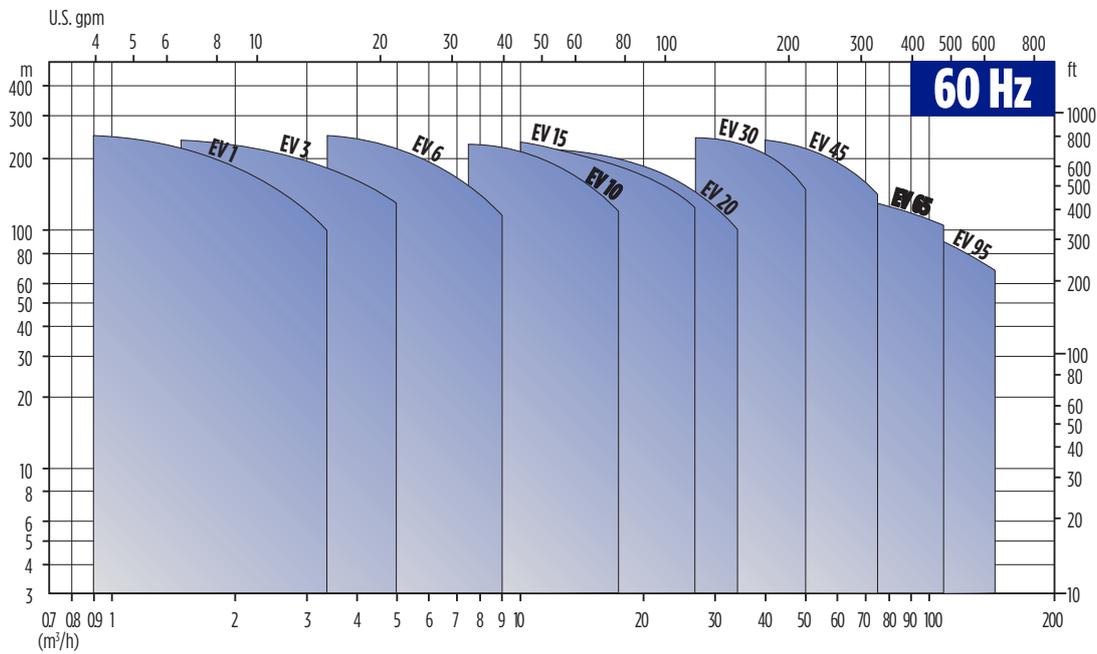
#### LASER WELDING TECHNOLOGY







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Single member - Company subject to the control  
 and coordination of Franklin Electric Co., Inc.

NOTE: Franklin Electric s.r.l. reserves the right to amend specification without prior notice

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