



W+ 50/600 Centrifugal Pump

When Big Is Not Big Enough!

Designed for truly large media transfers up to 3302 gpm (750 m³/h), the W+ 50/600 hygienic pump is the latest addition to the APV W+ centrifugal pump range. The result of an ongoing technology optimization program, the APV W+ 50/600 pump offers an economic solution to high-volume pump applications, leveraging the long-standing track record of a proven technology in the international dairy, food, beverage, brewing and pharmaceutical industries.

Hygienic Design

The pump is based on a unique hydraulic design, which combines maximum efficiency with the highest hygiene standards. The design complies with the stringent EHEDG principles, featuring elastomers only in FDA approved materials.

Performance

The W+ 50/600 covers a hydraulic range from 60 mWc to 3302 gpm (750 m³/h) at 50 Hz. Optimum performance is obtained at 50 mWc and 2642 gpm (600 m³/h), where efficiency is close to 80%. Maximum media temperature is 302°F (150°C).

Product Range

The W+ 50/600 features a closed coupled design and is supported by adjustable stainless steel legs. All product-wetted parts are in stainless steel AISI 316L and the standard elastomer is EPDM. The standard shaft seal is a balanced single mechanical Car/SiC, which has proven its worth over many years in our APV DW pump range. The pump is equipped with a stainless steel shroud (European version only).

Features and Benefits

- **Easy maintenance:** Front-loaded shaft seal - fast and simple change of seal without special tools
- **High efficiency:** The patented spiral volute and the impeller design ensure high efficiency
- **Gentle product treatment:** The volute reduces turbulence and ensures gentle product handling
- **Saves energy costs:** Due to the enormous flow, one W+ 50/600 can replace two small pumps
- **Low noise level**
- **Flexible design:** Easy to change from single mechanical to double mechanical sealing



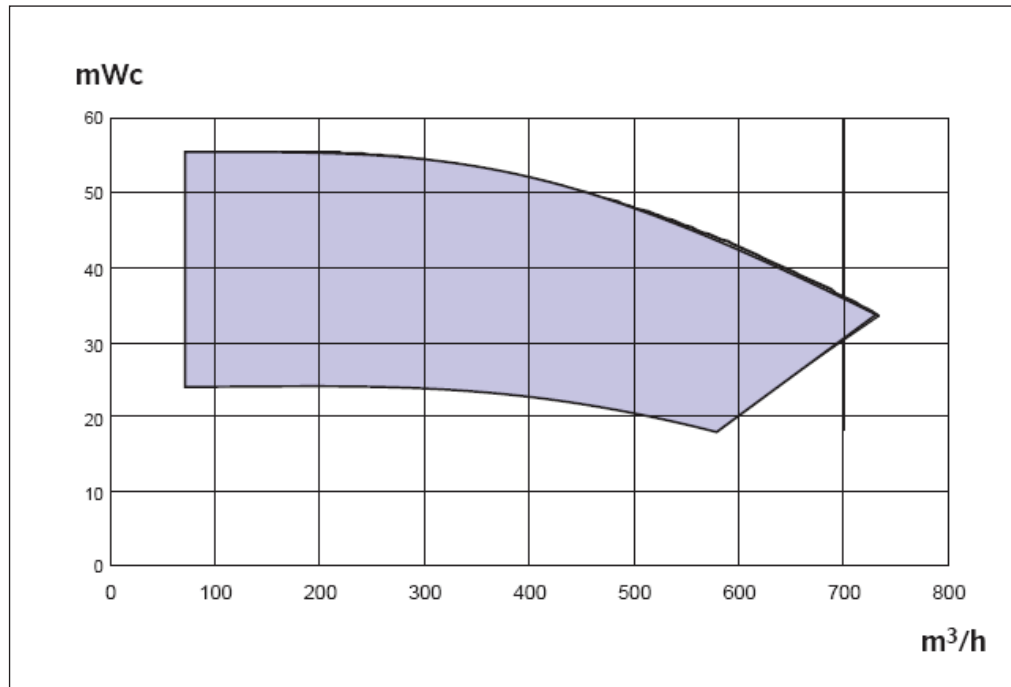
Options

The following options are available for additional needs:

- SiC/SiC shaft seal
- Double mechanical shaft seal for flush or separation media for aseptic applications
- Elastomer FPM (Viton™)
- DIN hygienic flanges

Motors

The W+ 50/600 is available with either IEC or NEMA standard motors to accommodate global demands.



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