

The Series 'EHM2' Vertical Pump features a cantilevered sleeved stainless steel shaft with vapor seal between the rotating shaft and the support column to protect the motor. The cantilevered shaft eliminates bearings and conventional pump seals, resulting in a pump that can run dry without damage. A compound impeller prevents liquid from rising in the column while the fully-enclosed bottom impeller provides high hydraulic efficiency at low horsepower.

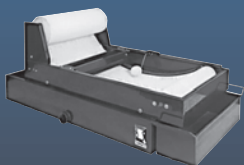
The high efficiency impeller provides "pump-down" capabilities to 9 ft. below the inlet using a suction extension. Viton® "O"-rings, discharge pipe assembly and suction strainer are available as options.

The chemical duty motors are 208-230/460V/3/60 @ 3450 or 1725 RPM or 190-208/380-415V/3/50 @ 2850 or 1450 RPM, TEFC, NEMA "C" face, painted with two-part epoxy enamel.

FILTER MEDIA



DISCS



ROLL FILTER MEDIA

CARTRIDGES
FILTER OR
CARBON



PUMPS

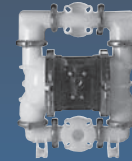
HORIZONTAL
PUMPS



METERING
PUMPS



DIAPHRAGM
PUMPS



TURBINE
PUMPS



DRUM PUMPS



VERTICAL
PUMPS



SELF-PRIMING
PUMPS



SERFILCO®

WWW.SERFILCO.COM

US: 847-509-2900; 800-323-5431

FAX: 847-559-1995

UK: +44(0)161-872-1317

FAX: +44(0)161-873-8027

GmbH: +49-(0)2472-801720

FAX: +49-(0)2472-801722

France: +33(0)1-44-95-37-66

FAX: +33(0)1-48-86-97-36

Canada: 905-820-4700

FAX: 905-820-4015

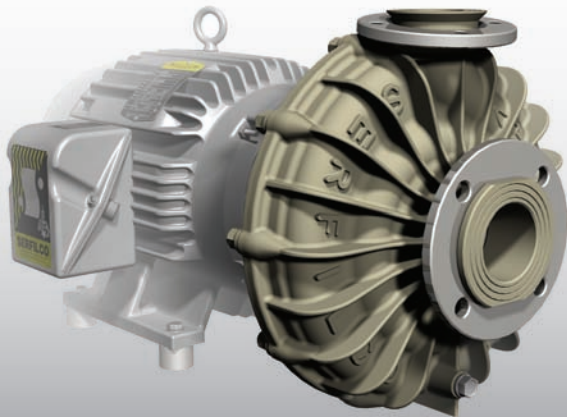
Asia: 92-21-534-6165

FAX: 92-21-534-5964

**NEW
HIGH
EFFICIENCY
PUMPS FROM
SERFILCO**

ANSI DIMENSIONAL HEAVY DUTY CONSTRUCTION

- **Flows to 400 U.S. GPM or 175 ft. TDH @ 60 Hz** (1200 l/min or 42 m @ 50 Hz)
- **Excellent chemical resistance**
Molded of PVDF, CPVC or PP
(Refer to a chemical resistance chart)
- **Centrifugal – quiet, vibration free**
- **Single or double mechanical seal**
with EPDM or Viton® elastomers
- **Long or close-coupled**
- **Chemical duty motor – standard**
Sealed oversized bearings, cast iron end bells, corrosion resistant two-part epoxy finish, stainless steel nameplate



MODEL 3X2X6 'HA' PUMP

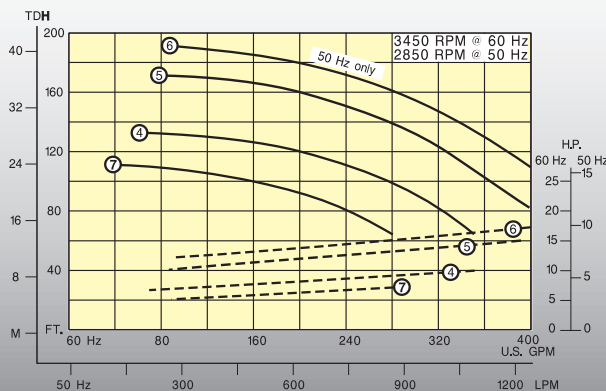
The Series 'HA' is a heavy-duty, ANSI dimensional horizontal pump engineered for utmost reliability in severe chemical applications. The pump utilizes an externally mounted mechanical seal with sleeved shafts for non-metallic solution contact. This proven design provides excellent resistance to aggressive chemicals as well as economical and reliable operation for many years of service.

The Series 'HA' pump with its high flow rates, chemical resistance and durability makes it the perfect "workhorse" for chemical processing, transfer and filter pumping, fume scrubbers and cooling towers or for waste treatment applications.

All models have an enclosed impeller, externally mounted Type 21 mechanical seal with silicon carbide seal faces and ANSI 150 lb. flange connections. External hardware not in solution contact is stainless steel.

Single or double mechanical seals are available depending on the application. A double, water flushed mechanical seal is recommended for solutions containing abrasives, high temperatures or other critical service applications

PERFORMANCE CURVES FOR 3X2X6 'HA' AND 'EHM2' PUMP



Performance ———
Horsepower - - - - -

SERIES 'EHM2' VERTICAL PUMP

HIGH EFFICIENCY LOW ENERGY USAGE

- **Non-metallic solution contact**
CPVC, PP, PVDF
(See a chemical resistance chart)
- **To 400 U.S. GPM or 175 FT. TDH @ 60 Hz** (1200 l/m or 42m @ 50 Hz)
- **Can run dry indefinitely, seal-less, no bearings**
- **Heavy duty PTFE vapor seal**
Protects motor bearing and end bell.
- **In-tank or out-of-tank**
- **Chemical duty motor (7.5 - 15 HP)**
Sealed oversized bearings. Cast iron end bells with vapor seal. Corrosion resistant epoxy enamel finish. Stainless steel nameplate. Service factor 1.15.
- **Standard column lengths are 15" and 18"**



MODEL 'EHM2' PUMP