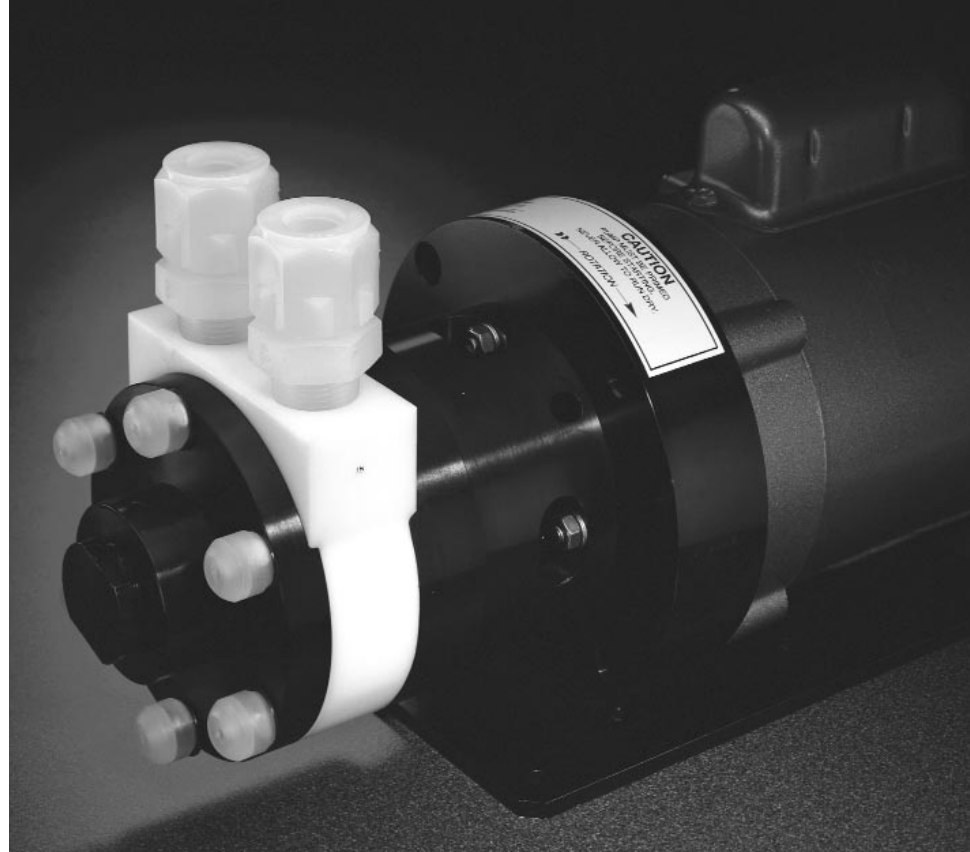


FEATURES/BENEFITS

- All Teflon® and 99.5% Alumina Ceramic Wetted Surfaces
- Sealless Magnetically Coupled Turbine Pump
- Non-Pulsating (Laminar Flow)
- High Output Pressure
- Smooth Laminar Flow
- Qualified to 50°C in DI Water Service

FURON® TURBO PUMP



OPERATION

The Furon Turbo Pump is a sealless magnetically driven turbine pump. The fluid enters the housing body of Teflon and is driven by a turbine impeller also made of Teflon. The desired outlet pressure is adjusted by the system set up (fluid inlet pressure, outlet flow) and tuned by an adjustment knob which changes the gap between the turbine impeller vanes and the body, generating various boosting fluid pressure levels.

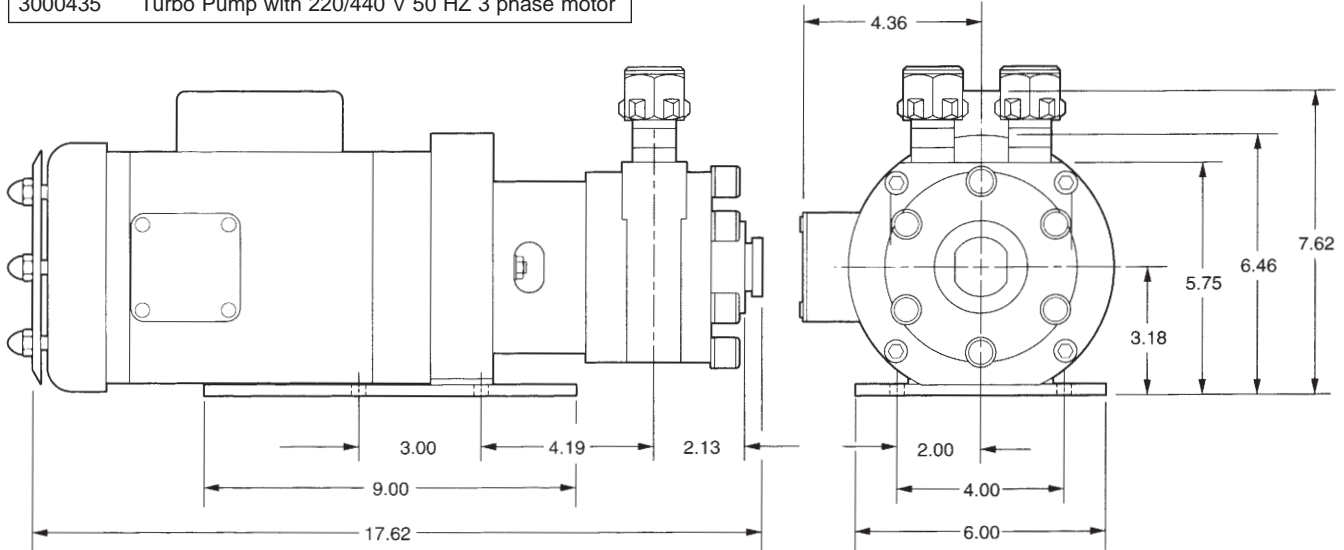
APPLICATIONS

The Furon Turbo Pump has potential uses in boosting high purity and aggressive fluid pressure levels. Best suited for DI water, this pump can be used in systems which require an increase in the pressure of low viscosity fluids. An example of this includes the spraying and cleaning systems used in the semiconductor industry.

FURON® TURBO PUMP

ORDERING INFORMATION

PART NO.	DESCRIPTION
3000403	Turbo Pump with 115/230 V 60 HZ 1 phase motor
3000433	Turbo Pump with 220/240 V 60 HZ 3 phase motor
3000426	Turbo Pump with 110/220 V 50 HZ 1 phase motor
3000435	Turbo Pump with 220/440 V 50 HZ 3 phase motor



SPECIFICATIONS AND PERFORMANCE

PUMP:

- Maximum Water Temperature: 50°C (122°F)
- Head Body: PTFE
- Impeller: Virgin Teflon PTFE
- Magnetic Drive Assembly: Teflon FEP
- Shaft Bearing: Alumina (99.5% pure)
- Exterior Non Wetted Parts: S.S. and Black Anodized Aluminum

MOTOR (Standard Version):

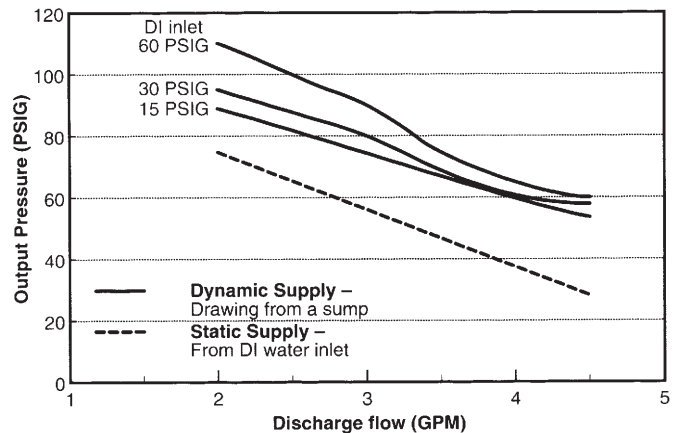
- Volts: 115/208-230 VAC-Single phase
- Amps: 7.4/3.9-3.7
- Horsepower: 1/2
- RPM: 3450
- Hertz: 60 Hz
- Frame: 56°C totally enclosed, fan cooled

SAINT-GOBAIN PERFORMANCE PLASTICS

7301 Orangewood Avenue
 Garden Grove, CA 92841-1411
 Phone: (714) 630-5818
 Fax: (714) 688-2614
 USA Toll Free: (800) 833-5661

DISCHARGE FLOW VS OUTPUT PRESSURE (60 Hz OPERATION)

DI Water Test @ 20° C (68°F)



Note: Must be initially primed. Pump is not intended to be run dry; nor to pump, other than, clean low viscosity fluids.

Furon® is a registered trademark
 Teflon® is a registered trademark



12-month **Limited Warranty:** For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in manufacturing. This company's only obligation will be to provide replacement product for any material proven to have such a defect, or at SGPL's option, to refund the purchase price thereof. User assumes all other risks, if any including the risk of injury, loss or damage, whether direct, consequential or incidental, arising out of the use, misuse, or inability to use this product. SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product or of any final product into which the product may be incorporated by the purchaser and/or user.