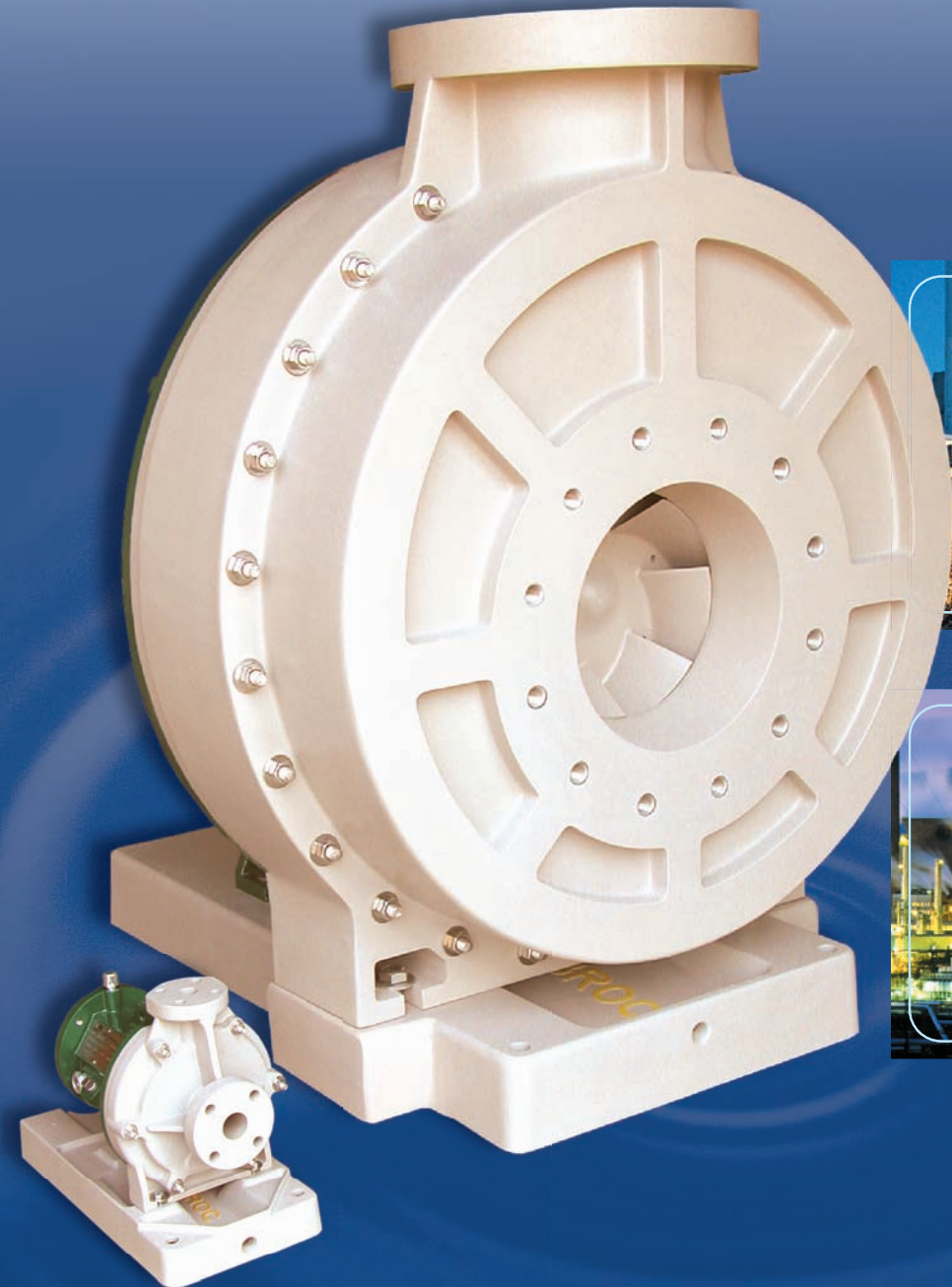




A Met-Pro Fluid Handling Technologies Business  
Combining the Resources of **Dean Pump, Fybroc & Sethco**



# Fybroc® Fiberglass Pumps

BULLETIN FL





# Fybroc® Fiberglass Pumps

THE WORLD'S MOST COMPLETE LINE OF PUMPS FOR HANDLING CORROSIVE AND OTHER DIFFICULT LIQUIDS

## MATERIALS OF CONSTRUCTION

- VR-1, vinyl ester resin—handles vast majority of corrosive applications including most acids, caustics, brines, sea water, and wastewater.
- VR-1 BPO-DMA, vinyl ester resin with BPO-DMA cure system—used to accommodate applications for specific corrosion resistance to bleaches such as sodium hypochlorite (NaOCl) and hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>).
- VR-1A, vinyl ester resin with abrasive resistant material—used for pumping liquids with low concentration highly abrasive fines such as fly ash, diatomaceous earth or titanium dioxide.
- VR-1V, vinyl ester resin with synthetic veil-fiberglass protection used specifically for fluoridic applications such as hydrofluoric acid (HF) and fluosilicic acid (H<sub>2</sub>SiF<sub>6</sub>).
- EY-2, epoxy resin—offers outstanding chemical resistance for aggressive chemical/compounds, acids, and solvents.

## APPLICATIONS

- Abrasive Fines
- Acids
- Bleaches
- Brines
- Caustics
- Seawater
- Solvents
- Wastewater

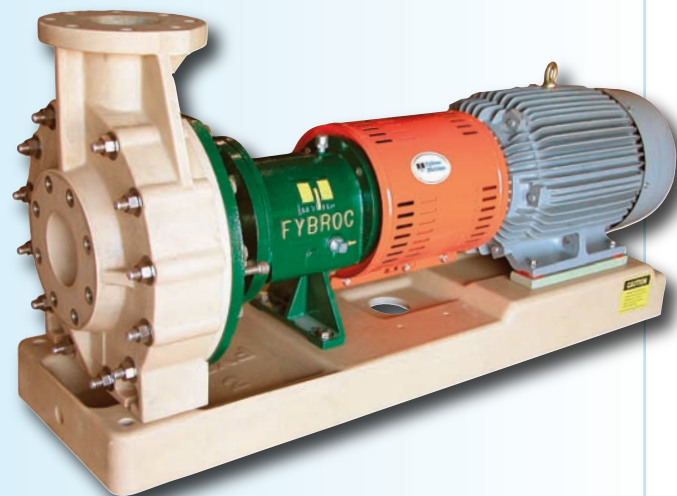
## MARKETS

- Chemical Process
- Electric Utilities
- Pulp & Paper
- Electronics
- Scrubbers
- Aquariums
- Desalination/Water Reuse
- Reverse Osmosis
- Commercial Marine/Navy

## HORIZONTAL ANSI PUMPS

### SERIES 1500 HORIZONTAL PUMPS

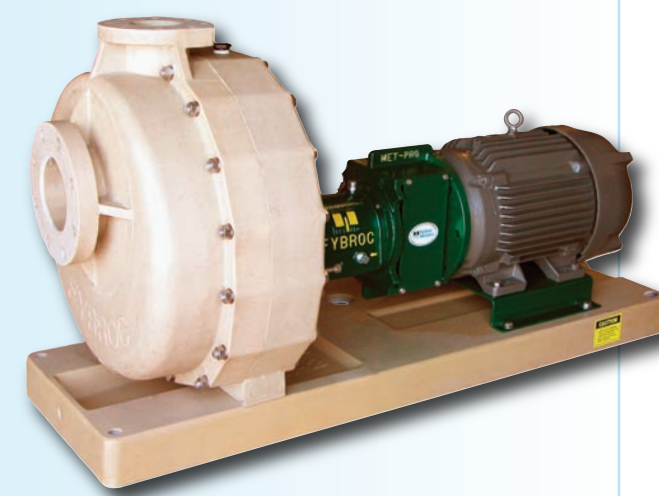
ANSI/ASME B73.1 standard pumps featuring high strength casings with integral flanges are available in nineteen sizes with capacities to 5000 GPM (1140 m<sup>3</sup>/hr) and heads to 400 feet (125m). *Request Bulletin 15B1.*



## SELF-PRIMING PUMPS

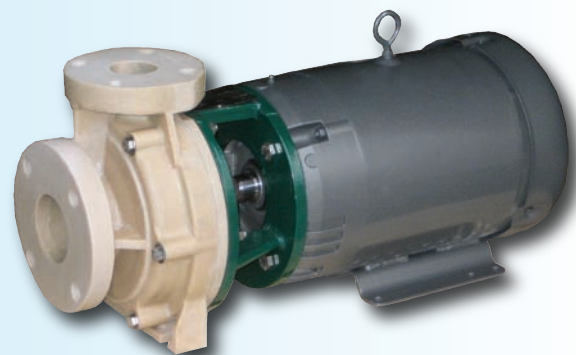
### SERIES 1600 SELF-PRIMING PUMPS

These self-primers combine efficiency with excellent priming times. Substantial parts interchangeability with Series 1500 pumps. Available in six sizes with capacities to 1400 GPM (320 m<sup>3</sup>/hr) and heads to 300 feet (95m). *Request Bulletin 16B1.*



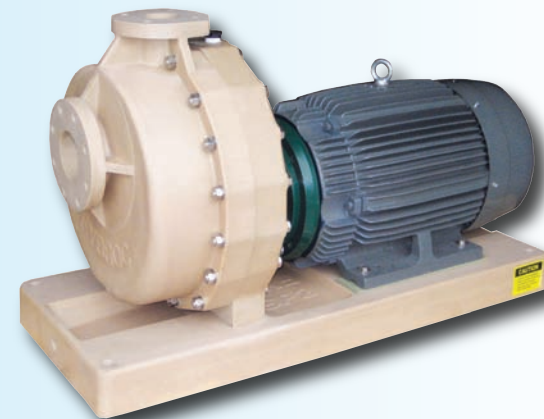
### SERIES 1530 CLOSE COUPLED PUMPS

The space and weight savings of a close coupled pump are combined with the ruggedness of a standard Series 1500 pump. Sixteen sizes with capacities to 1500 GPM (345 m<sup>3</sup>/hr) and heads to 400 feet (125m). *Request Bulletin 15B2.*



### SERIES 1630 CLOSE COUPLED SELF-PRIMING PUMPS

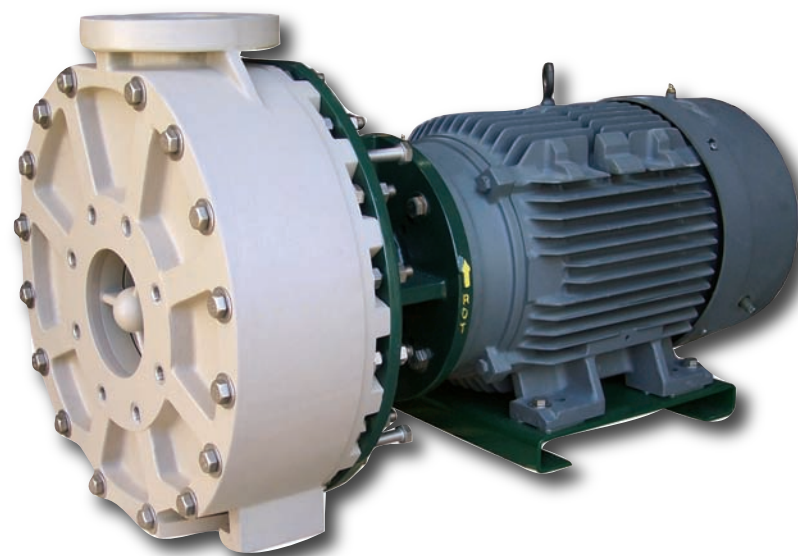
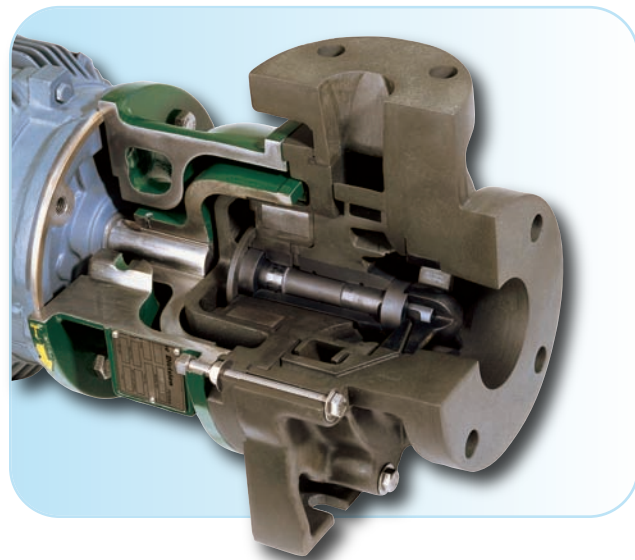
The benefits of the close-coupled pump are integrated with the features of the Series 1600 pump. Six sizes with capacities to 1400 GPM (320 m<sup>3</sup>/hr) and heads to 300 feet (95m).



## MAG-DRIVE PUMPS

### SERIES 2530 CLOSE COUPLED SEALLESS PUMPS

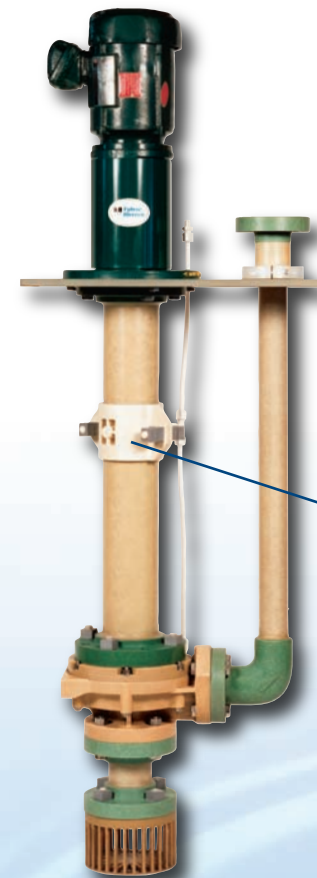
Available in VR-1, VR-1 BPO-DMA & EY-2 materials with silicon carbide shaft, sleeve bearing and thrust bearings. ANSI/ASME B73.1 dimensions with 3/16" FRP containment can. Ten sizes with capacities to 1,500 GPM (350 m<sup>3</sup>/hr) and heads to 400 feet (125m). Self-priming configurations are also available. *Request Bulletin 25B1.*



## VERTICAL & CANTILEVER PUMPS

### SERIES 5500 VERTICAL SUMP PUMPS

Sump pumps are furnished in lengths (settings) from 18 inches to thirty feet with optional tailpipes. Nineteen sizes with capacities to 5000 GPM (1140 m<sup>3</sup>/hr) and heads to 275 feet (85m). *Request Bulletin 55B1.*



SPLIT SLEEVE BEARING

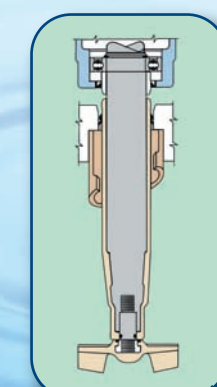


### SERIES 5530 DRY PIT VERTICAL PUMPS

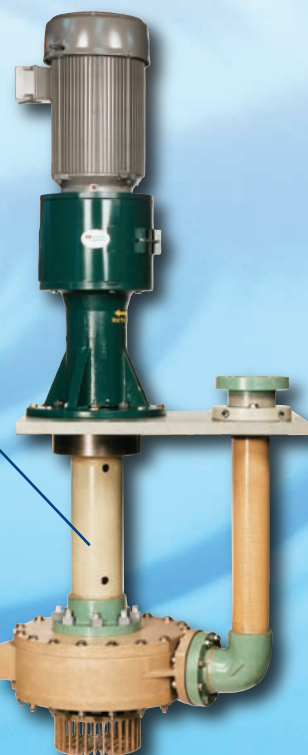
Designed for the most difficult dry pit applications, these pumps are available in 16 sizes with capacities to 1400 GPM (320 m<sup>3</sup>/hr) and heads to 400 feet (125m). *Request Bulletin 55B2.*

### SERIES 7500 CANTILEVER SUMP PUMPS

These pumps, with optional recessed impeller design, are available in lengths (settings) from 18 inches to 4 feet with optional tailpipes. Nineteen sizes with capacities to 5000 GPM (1140 m<sup>3</sup>/hr) and heads to 200 feet (65m). *Request Bulletin 75B1.*



OPTIONAL FIBERGLASS SLEEVE



### SERIES 7530 CLOSE COUPLED CANTILEVER PUMPS

These pumps are designed for use on shallow recirculation sumps such as those found on liquid scrubbers. Five sizes with capacities to 600 GPM (140 m<sup>3</sup>/hr) and heads to 230 feet (75m). *Request Bulletin 75B2.*

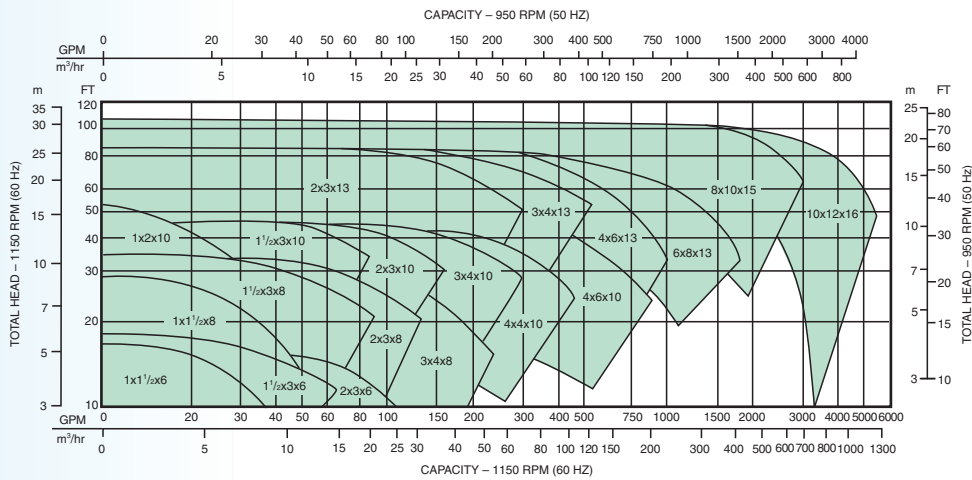




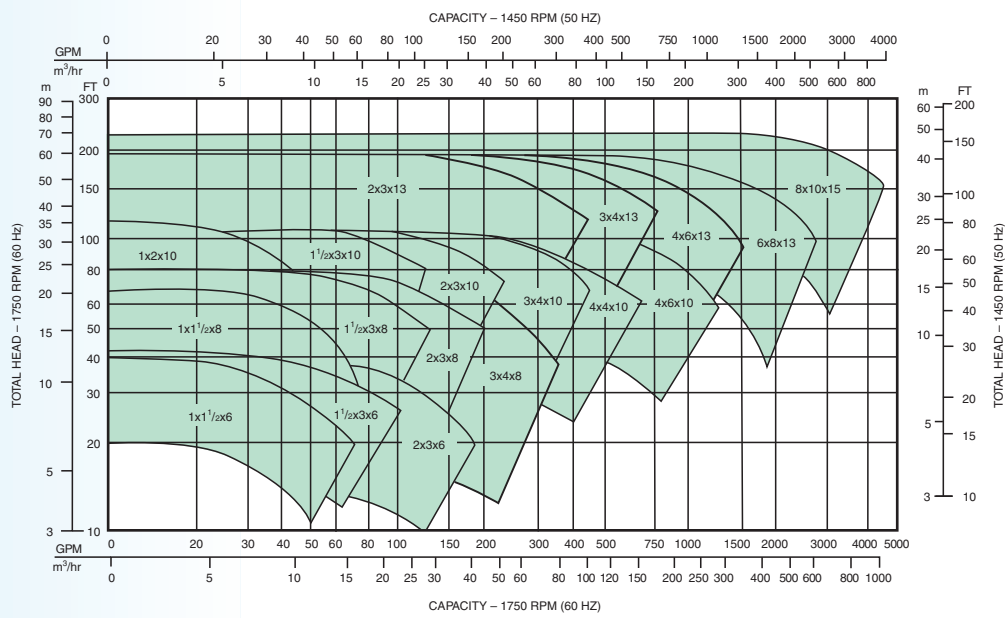
# TYPICAL PUMP COVERAGE CHARTS

NOTE: Refer to product bulletins for actual hydraulic coverage of specific models/sizes

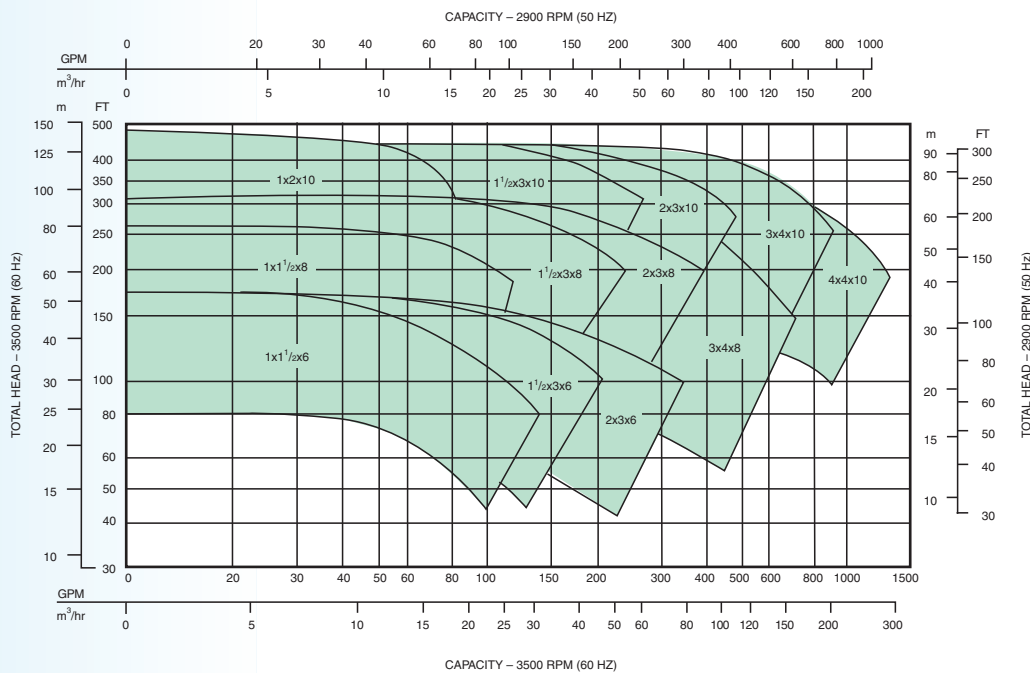
1150 RPM/60 HZ  
950 RPM/50 HZ



1750 RPM/60 HZ  
1450 RPM/50 HZ



3500 RPM/60 HZ  
2900 RPM/50 HZ



*The world's most complete line  
of pumps for handling corrosive  
and other difficult liquids*



## ABOUT MET-PRO GLOBAL PUMP SOLUTIONS

Met-Pro Global Pump Solutions, which combines the resources of the Company's internationally recognized Dean Pump®, Fybroc® and Sethco® brands, is a leading niche-oriented global provider of solutions and products for the pumping of corrosive, abrasive and high temperature liquids. Its broad range of high quality centrifugal pumps provide excellent performance for tough applications including pumping of acids, brines, caustics, bleaches, seawater, high temperature liquids and a wide variety of waste liquids for a broad range of applications including the chemical, petrochemical, metal finishing, wastewater treatment, desalination and aquarium/aquaculture markets. For more information, visit [www.mp-gps.com](http://www.mp-gps.com)

## ABOUT MET-PRO

Met-Pro Corporation is a global provider of solutions and products for product recovery, pollution control and fluid handling applications. The Company's products include filtration and purification equipment for air, water and harsh, corrosive applications; fluid handling equipment for water, corrosive, abrasive, and high temperature liquids; and proprietary water treatment chemicals. For more information, visit [www.met-pro.com](http://www.met-pro.com).



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