

**FYBROC**



# **FYBROC<sup>®</sup>** **FIBERGLASS PUMPS**

Full Line Bulletin



# 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 ( $H_2O_2$ ).
- 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 - protection used specifically for flouridic applications such as hydrofluoric acid (HF) and fluosilicic acid ( $H_2SiF_6$ ).
- EY-2, epoxy resin - offers outstanding chemical resistance for aggressive chemical/compounds, acids, ideal for high concentrations of sulfuric acid (up to 98%) and solvents.



## APPLICATIONS

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

## MARKETS

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

# Fybroc Fiberglass Pumps

## 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 (125 m).



### 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 (125 m).

## 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 (95 m).



### 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 (95 m).

# Fybroc Fiberglass Pumps

## 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 (125 m). Self-priming configurations are also available.

## VERTICAL PUMPS

### SUMP



### CANTILEVER



### TURBINE



### 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 (85 m).

### SERIES 7500 CANTILEVER SUMP PUMPS

Cantilever pumps are furnished 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 (65 m).

### SERIES 8500 VERTICAL TURBINE PUMPS

Single and/or multi-stage vertical pump with mixed flow impeller and casing designs furnished in variable pump lengths. Four sizes with capacities to 2250 gpm (510 m<sup>3</sup>/hr) and TDH to 85 feet (26 m) per stage.

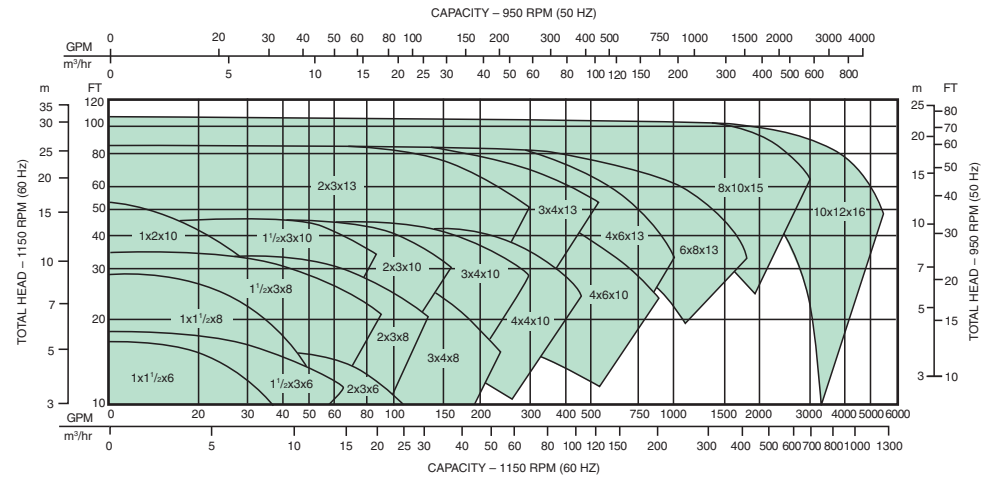
Consult Factory for available

5530 Series Dry Pit Pumps and 7530 Series Close Coupled Cantilever Pumps

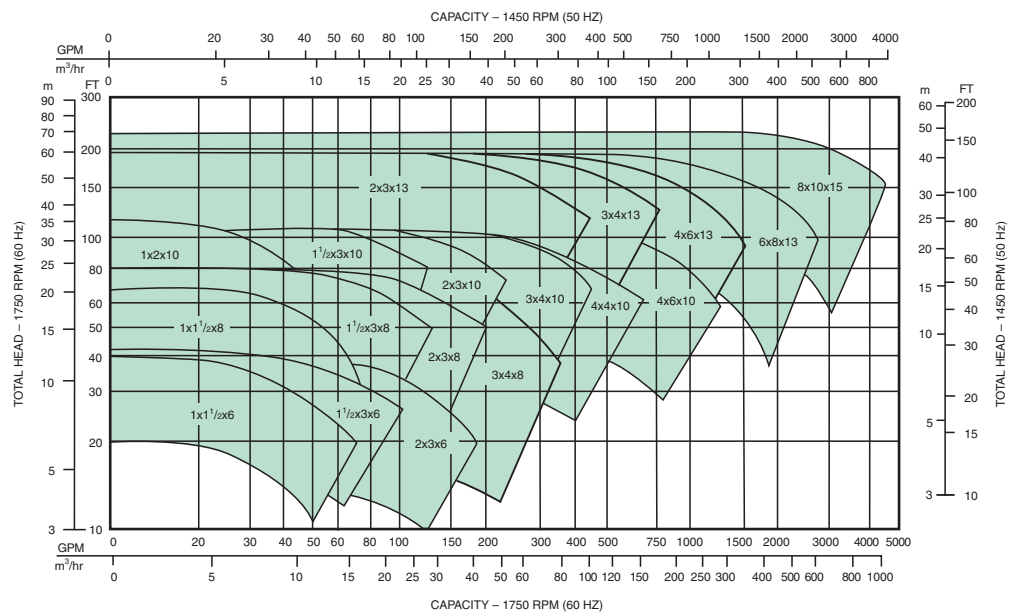
# TYPICAL PUMP COVERAGE CHARTS

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

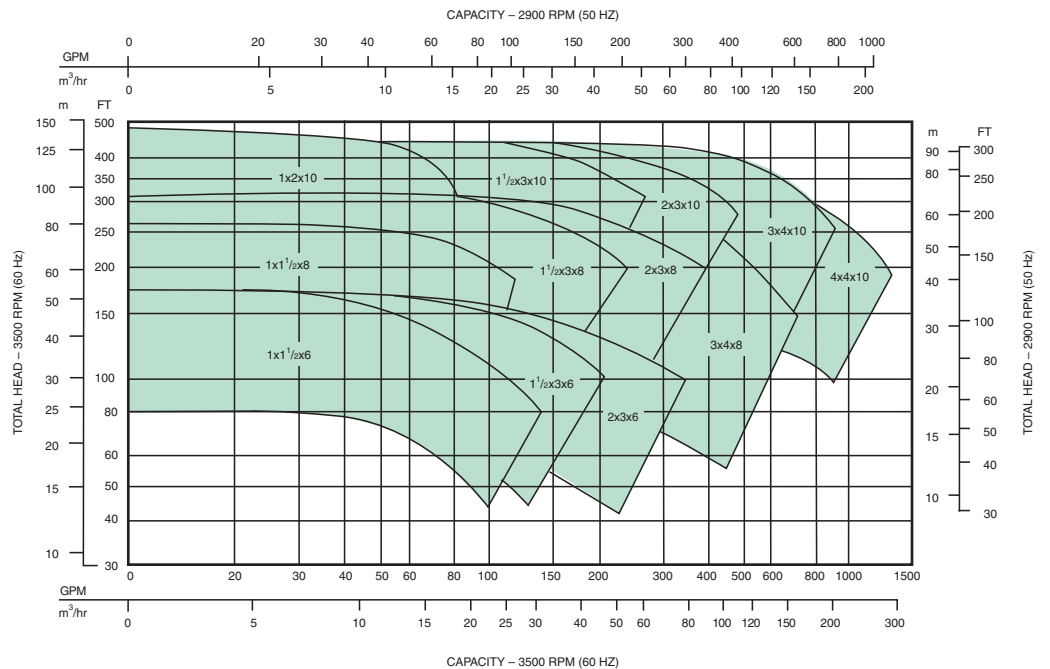
**1150 RPM/60 HZ**  
950 RPM/50 HZ



**1750 RPM/60 HZ**  
1450 RPM/50 HZ



**3500 RPM/60 HZ**  
2900 RPM/50 HZ





## **FYBROC**

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