



# MOYNO

*Always the Right Solution™*

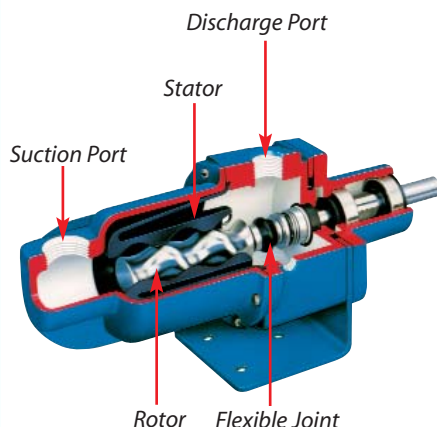
## Moyno® 500 Pumps

### The Perfect Combination of Cost-Effective Simplicity & Application Versatility

Moyno 500 pumps offer economical, high-efficiency performance with application versatility and maintenance simplicity.

#### Features and Benefits

- Over 70 Moyno 500 pump models to choose from, in a variety of construction materials
- Combine high performance with compact size
- Available in both motorized and non-motorized models
- Provide accurate, repeatable, non-pulsating, low-shear flow
- Design simplicity reduces maintenance
- No valves to stick or wear out and no timing gears to align
- Handle clean water to viscous, abrasive fluids or solids-laden fluids
- Self-priming



#### Typical Applications

Moyno 500 pumps are used in these and hundreds of other applications:

- Abrasive chemicals and slurries
- Batching systems
- Bilge pumps
- Bridge deck flooding
- Dairy applications
- Dirty oil
- Drainage
- Drum transfer
- Effluent sampling
- Emulsions
- Fabric coatings
- Feed additives
- Grain mash slurries
- Heavy crude
- Industrial circulation and transfer
- Industrial waste and sewage sampling
- Kerosene
- Lime slurries
- Liquid aluminum
- Lubricants
- Nitric acid
- Non-ferrous metal
- OEM applications
- Offshore drilling
- Oily water separators
- Paint
- Polymer treatment
- Tank sump cleaning
- Titanium dioxide
- Zebra mussel removal

**ROBBINS  
MYERS**

*Fluid Management Group*

## Extensive Range

The Moyno 500 Pump line has many compact, cost-effective models to handle a wide range of flows and pressures.

### 200 Series

- Capacities to 5 GPM
- Pressures to 40 PSI
- Motorized and non-motorized models available
- Dual, heavy-duty ball bearings, fully sealed and pre-lubricated
- Mechanical seal



### 300 Series

- Capacities to 15 GPM
- Pressures to 150 PSI
- Fluid temperature range to 210°F
- Packing gland or mechanical seals available
- Motorized and non-motorized models available



### 301 Series

- Capacities to 13 GPM
- Pressures to 25 PSI
- Phenolic housing and rotor for chemical corrosion resistance
- Reverse covered seal between rotor and shaft eliminates metal exposure to fluids
- Non-motorized with hose connections, resilient cushion and cradle mounting



### 356/367 Series

- Capacities to 50 GPM
- Pressures to 50 PSI
- Fluid temperature range to 240°F
- Packing and mechanical seals available
- Motorized and non-motorized models available



### 400 Series Grinder

- Capacities to 15 GPM
- Discharge to 100 PSI
- Replaceable carbide cutting tips
- Hardened tool-steel cutter tips



### 600 Series

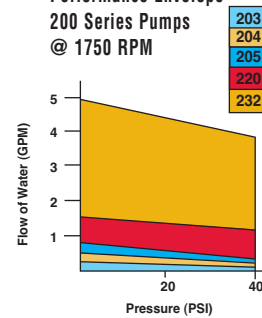
- Capacities to 30 GPM
- Pressures to 600 PSI
- Reverse operation capability
- Packing or mechanical seals available



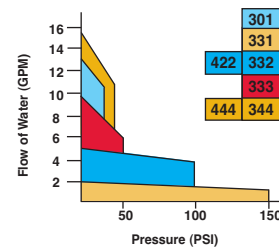
### Mag Drive Series

- Capacities to 900 GPH
- Pressures to 75 PSI
- Magnetic coupling establishes a static seal for zero leakage
- No mechanical seals
- Skid mounted systems available

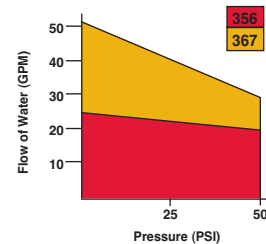
Performance Envelope  
200 Series Pumps  
@ 1750 RPM



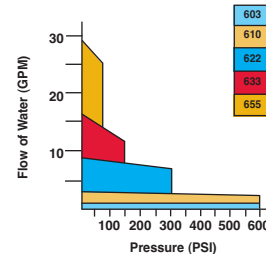
Performance Envelope  
300/400 Series Pumps  
@ 1750 RPM



Performance Envelope  
356/367 Series Pumps  
@ 1750 RPM



Performance Envelope  
600 Series Pumps  
@ 1750 RPM



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[www.moyno.com](http://www.moyno.com)



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