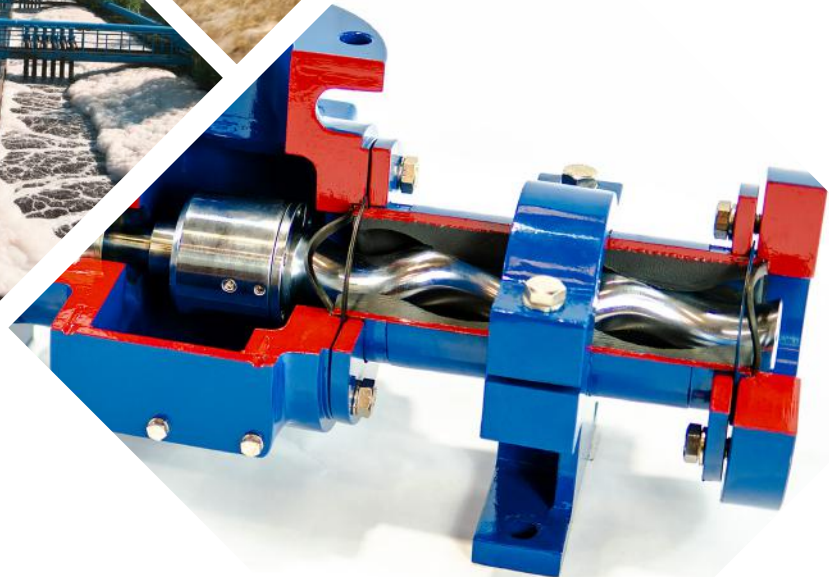
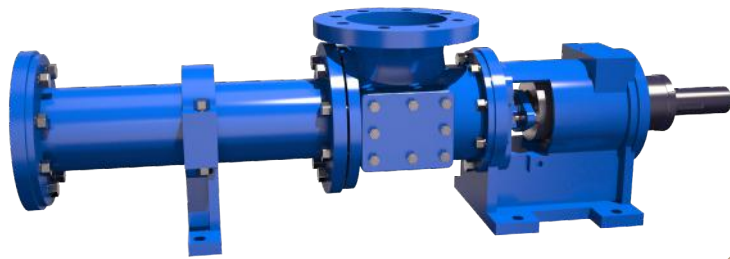




MM - SERIES PROGRESSIVE CAVITY PUMPS  
RELIABILITY AT A SUPERIOR VALUE



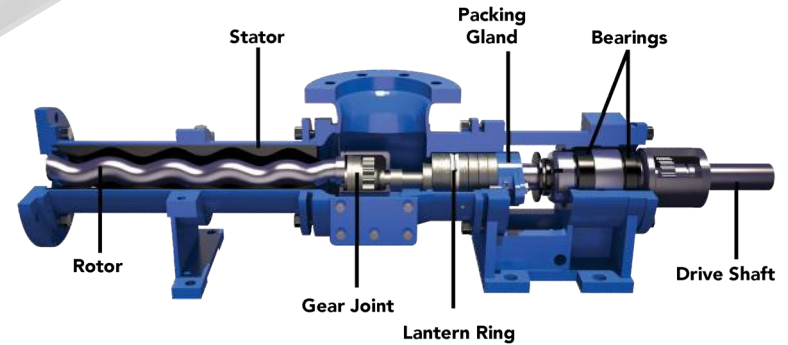
MXQ  
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# MXQ MM - Series Pump

The MXQ MM-Series progressive cavity pump is built with rugged gear-type universal joints, which is an effective solution to handle heavy radial thrust loads. This design ensures the best performance with very minimal maintenance, low wear & tear of rotating parts, and longer life of the pump. These high quality gear joints and materials of construction create a very robust, reliable option for your application. MXQ MM-Series pumps are 100% equivalent to Moyno®\* 2000 series progressive cavity pumps.

## Featured Benefits

- Heavy duty gear joints are used to withstand pressure and thrust loads.
- Stuffing box can accommodate single/double mechanical seal or packing.
- Uses grease packed roller bearings to extend pump life.
- Sturdy castings reduce vibration to shaft and bearings.
- Various materials of construction available.
- Suction chamber can rotate 360° for easier installation.
- Inspection ports for efficient cleaning.
- Non-pulsating flow
- Accurate, repeatable flow
- Head independent of pump speed
- Low NPSH requirement
- Self-priming
- High suction lift up to 28 feet
- Low shear
- No valves to clog or stick
- Reversible
- No timing gear adjustments
- High volumetric and mechanical efficiency
- Smooth fluid discharge
- Ideal for metering application
- Easy to regulate
- Superior abrasion resistance



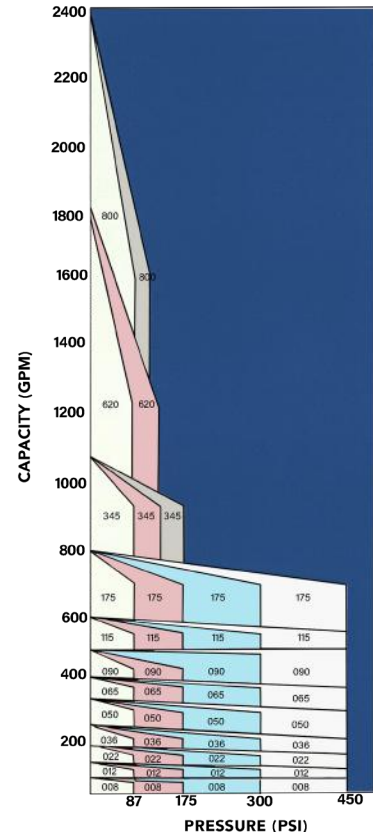
## Pumping Versatility

MXQ MM-Series pumps are available with:

- Pressures up to **500 PSI**
- Viscosities over **1,000,000 CpS**
- Flows up to **2,000 GPM**
- Temperatures up to **350 °F**
- Solids up to **2.8" in diameter**
- Wide selection of materials of construction

## Typical Applications

- Sewage lift stations and headworks
- Primary and tertiary sedimentation
- Grit removal
- Nitrification
- Thickening and conditioning
- De-watering
- Multiphase fluid transfer
- Adhesives
- Slurries
- Chemical metering
- Polymer
- Food and beverage waste
- Starch, slurries, and coatings
- Leaching/ neutralization
- Flocculants



## Special Options For Every Application

- Flush gland
  - Allows gland packing leakage to be flushed away from the pump preventing severe damage to seals and packing.
- Foreign particle deflector
  - Prevents clogging around pump coupling rod and rotor head.
- Shaft sleeve design
  - Protects the drive shaft from high wear and tear from abrasive media.
- Dry-running protection
  - Prevents dry running and over pressure situations. Suitable pressure switch or dry running sensors at stator are available as options.

Materials of Construction	
	Standard Materials
<b>Pump Housing</b>	Cast Iron, Cast Steel, CF8, CF8M
<b>Internals</b> (Including Rotor)	Alloy Steel, Tool Steel, AISI 304, AISI 316
<b>Stators</b>	EPDM (to 260°F) Fluoroelastomer (to 350 °F) Nitrile (to 210 °F) Natural Rubber (to 185°F)

\*Moyno® is a registered trademark of National Oilwell Varco (NOV). MXQ is not associated with, endorsed by, or sponsored by NOV.

†Other materials and special configurations available upon request.