

MXQ DISC AT A GLANCE

The centrifugal force generated by the serrated edges, ribs (or micro-vanes), winglet posts, and viscous drag gently propel the fluid radially away from the eye and toward the perimeter of the DiscSet.

The essence of the MXQ DiscSet is to generate minimum impingement while maintaining a balance between efficiency and efficacy.

The fluid is free-flowing and gently propelled without the constraint of vanes.

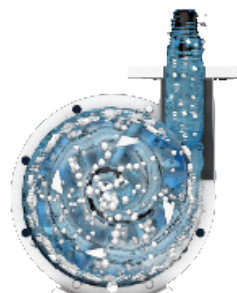
Winglet Posts



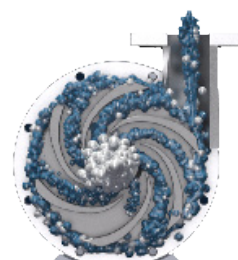
Ribs (Microvanes)

Radially Recessed Edges

MXQ industrial disc pumps are specially designed to meet your niche requirements. Our disc pumps are **abrasion and corrosion resistant**. The company's newly-designed disc pumps have a **lower net positive suction head required (NPSHR)** than most other disc pumps available in the market with an **10%-15% better efficiency**. Our cutting edge technology offers close coupled pumps, which **help reduce space allocation** and save costs. Our disc pumps **can withstand highly viscous fluids, trapped air, large solids, and slurries** without blockages, obstruction, or cavitation. They are **extremely versatile and durable**, and **require minimal to no repairs** or spare parts replacement.



MXQ Disc

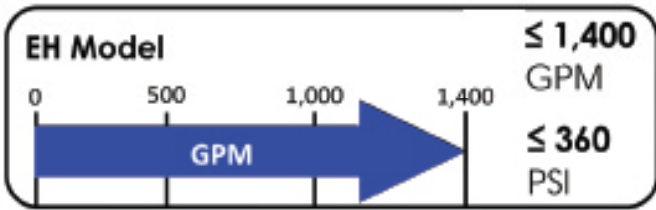
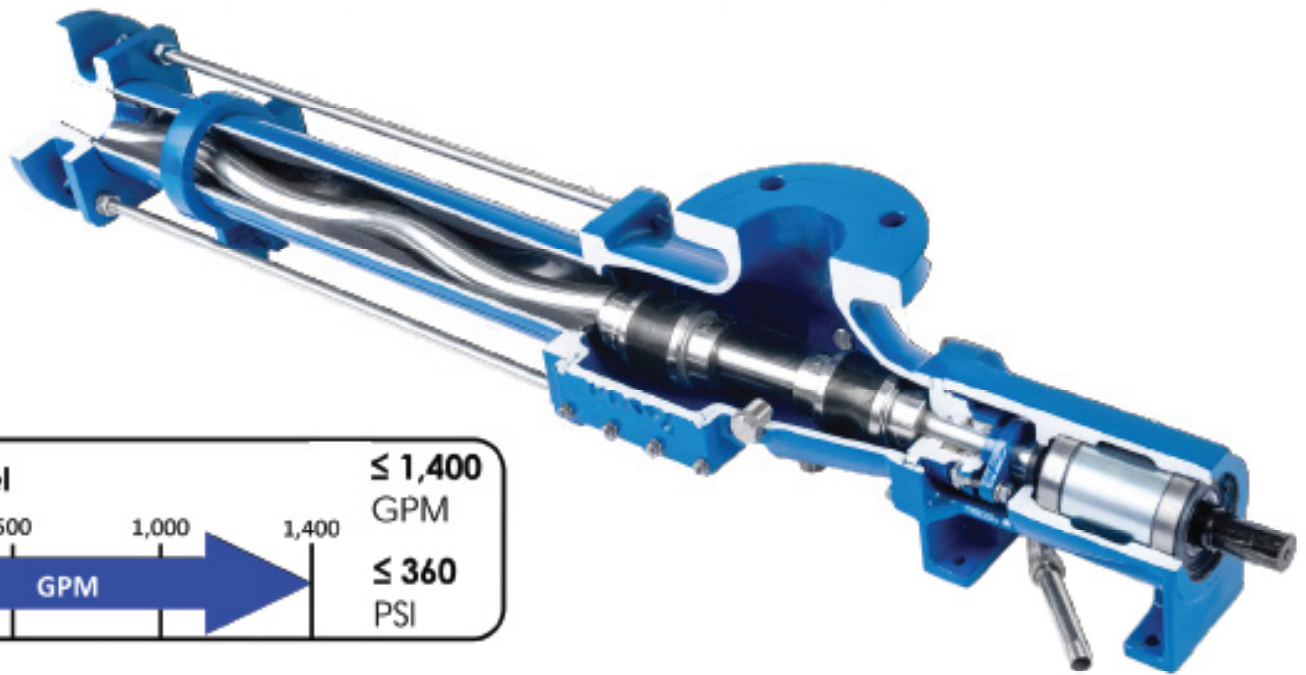


Other Impeller

If you are pumping a multiphase, highly viscous, or shear sensitive fluid, then our Disc Pump is your answer.

Flows up to 5,000 GPM
Discharge Pressure up to 400 PSI
Viscosity up to 200,000 CPS.

MXQ PCP AT A GLANCE



CHARACTERISTICS

- 100% Bornemann Equivalent
- Wide range of applications
- Smooth & continuous flow
- Low pulsation
- Capacities up to 1,400 GPM
- Differential pressures up to 360 PSI
- Can pass solids up to 3"

MATERIALS OF CONSTRUCTION

Casing	GG-25, 1.4408, 1.4571, 1.4462
Rotor	C45 Hard Chrome, 1.4571, 1.4462
Shaft	1.4021, 1.4571, 1.4462
Stator	SBR, NBR, HNBR, FKM, IIR, CSM, EPDM

PUMP DESCRIPTION

The EH model is one of the best progressive cavity pumps on the market. There are many standard features that set it apart from the competition, such as:

- ⇒ Cardan Style Universal Joints
- ⇒ Elongated Profile
- ⇒ SS Internal Shafting & Hardware
- ⇒ Bronze Lantern Packing Ring
- ⇒ Access Ports on Suction Casing
- ⇒ Drain Pipe on Stuffing Box
- ⇒ Stuffing Box Flush Connections
- ⇒ Pressure Gauge Fittings

