

AVAILABLE MOUNTING CONFIGURATIONS

81024MX-F FRAME MOUNT
81024MX-EM ENGINE MOUNT
81024MX-RP-F REDI-PRIME FRAME MOUNT
81024MX-RP-EM REDI-PRIME ENGINE MOUNT

OPERATING LEVELS

| | | |
|-----------------|----------|------------------------|
| MIN FLOW | 1300 GPM | 295 m ³ /h |
| MAX FLOW | 6150 GPM | 1396 m ³ /h |
| DISCHARGE SIZE | 8" | 200 mm |
| SUCTION SIZE | 10" | 250 mm |
| SOLIDS HANDLING | 2.38" | 60 mm |
| MAX SPEED | 1800 RPM | 1800 RPM |
| SHUT-OFF HEAD | 700' | 213 m |
| BEP HEAD | 552' | 168 m |
| BEP FLOW | 4700 GPM | 1067 m ³ /h |
| BEP PERCENT | 78% | 78% |



A typical picture of the pump is shown. Please contact StarTech Pump Company for further details. All information is approximate and for general guidance only.

| PARTS | STANDARD MATERIAL |
|-----------------|--------------------------------------|
| WEAR RING | 420 STAINLESS STEEL |
| WEAR PLATE | 420 STAINLESS STEEL |
| IMPELLER | CA6NM |
| VOLUTE | DUCTILE IRON |
| SHAFT | 17-4 PH STAINLESS STEEL |
| SHAFT SLEEVE | 416 STAINLESS STEEL |
| BACKPLATE | DUCTILE IRON |
| MECHANICAL SEAL | TUNGSTEN CARBIDE VS. SILICON CARBIDE |
| O-RINGS | BUNA-N, NITRILE |
| BEARING FRAME | F12DB CAST IRON |

The 81024MX pump is designed with StarTech's renowned quality and durability. It features a 8" discharge, 10" suction, and enclosed impeller. StarTech's patented Cycloseal® design is standard, with a Type 2 single mechanical seal with Buna-N elastomers, stainless steel hardware and tungsten carbide vs. silicon carbide seal faces for abrasion resistance.

- Impeller wear ring optionally hardened to 375-425bhn
- Volute wear plate optionally hardened to 450-500bhn
- 3 or 4 vane enclosed CA6NM impellers
- Heavy Duty Bearing Frame
- Double angular contact thrust bearings
- CA6NM Impeller is corrosion-resistant and abrasion-resistant
- **Industry-leading efficiencies**
- Two year Warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

81024MX

