CORNELL PUMP COMPANY
MX SERIES

EFFICIENT BY DESIGN
THE NEW HIGH HEAD PUMPS HAVE FOUR VANE ENCLOSED IMPELLERS DESIGNED TO HANDLE SOLIDS UP TO 2” AND HAVE EXCELLENT EFFICIENCIES - UP TO 75%.

- HIGH OPERATING PRESSURES
- HIGH FLOW REQUIREMENTS
- HIGH EFFICIENCY
- DEPENDABLE, HIGH QUALITY CONSTRUCTION - CA6NM IMPELLER IS STANDARD
- AVAILABLE IN HORIZONTAL FRAME & SAE MOUNT CONFIGURATIONS

- DOUBLE ANGULAR CONTACT THRUST BEARINGS
- 17-4 pH STAINLESS STEEL
- OIL FILLED OR GREASE LUBRICATED FRAMES
- 420HT SHAFT SLEEVES AVAILABLE FOR ABRASIVE APPLICATIONS
- RUN-DRY™ SEAL OPTION
- ALL IRON CONSTRUCTION
- 300LB RATED FLANGES
- DUCTILE IRON CASE, CA6NM IMPELLER
- IMPPELLER WEAR RING OPTIONALLY HARDENED TO 375-425 BHN VOLUTE WEAR RING OPTIONALLY HARDENED TO 450-500 BHN
- MECHANICAL SEAL TUNGSTEN CARBIDE (T1 OR T2) VS. SILICON CARBIDE ARE STANDARD
- DYNAMICALLY BALANCED IMPELLERS
The new high head pumps have 3 or 4 vane enclosed impellers designed to handle solids up to 2.38" and have excellent efficiencies - up to 75%.
3419MX

<table>
<thead>
<tr>
<th>Speed</th>
<th>Impeller Dia.</th>
<th>Style</th>
<th>Solids Dia.</th>
<th>N_S</th>
<th>Suction</th>
<th>Discharge</th>
<th>No. vanes</th>
</tr>
</thead>
<tbody>
<tr>
<td>VARIOUS</td>
<td>19.59&quot;</td>
<td>ENCLOSED</td>
<td>.75&quot;</td>
<td>450</td>
<td>4&quot;</td>
<td>3&quot;</td>
<td>4</td>
</tr>
</tbody>
</table>

SINGLE VOLUTE

MOUNTING CONFIG.: CC, VM, F, VF, EM, VC

Feet x .305 = Meters
Inches x 25.4 = Millimeters
GPM x .227 = Cubic Meters/Hour
GPM x 3.785 = Liters/Minute
HP x .746 = KW

Performances shown are for good water, design efficiency, and standard seal arrangement. Other mounting configurations, seal arrangements, or liquids may require horsepower and/or performance adjustments.

3419MX - VARIOUS RPM
2415MX

Feet x .305 = Meters
Inches x 25.4 = Millimeters
GPM x .227 = Cubic Meters/Hour
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</tr>
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<tr>
<td>VARIOUS</td>
<td>15.22&quot;</td>
<td>ENCLOSED</td>
<td>.62&quot;</td>
<td>530</td>
<td>4&quot;</td>
<td>2&quot;</td>
<td>3</td>
</tr>
</tbody>
</table>

SINGLE Volute

MOUNTING CONFIG.: F, VF, EM, VC

Cornell Pump Company • Portland, Oregon

2415MX - VARIOUS RPM
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Cornell pumps and products are the subject of one or more of the following U.S. and Foreign patents: 3,207,485; 3,282,226; 3,295,456; 3,301,191; 3,630,637; 3,663,117; 3,743,437; 4,335,886; 4,523,900; 5,489,187; 5,591,001; 6,074,554; 6,036,434; 6,079,958; 6,309,169; 2,320,742; 96/8140; 319,837; 918,534; 1,224,969; 2,232,735; 701,979 and are the subject of pending U.S. and Foreign Patent Applications.

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