Description: Single-Stage Liquid Ring Vacuum Pump

Type: Single Cone
Models: NX-35, 45, 60, 80 & 130
Power Range: 5-50 HP
Capacity Range: 200-800 CFM
Max Vacuum: 28" Hg

Overview

Our NX series are designed as drop-in replacements for the Nash* XL series vacuum pumps. These pumps are designed to have only one moving part to induce maximum mechanical stability with maximum reliability. These pumps are suited to deliver vacuum at maximum capacity in tough conditions of sudden water and particle slugs. We offer versions with capacities ranging from 200-800 CFM.

Features

- Drop-in replacement for Nash* XL series.
- Capable to be driven by variable frequency drives.
- Capability to sustain back pressures.
- Capability to be used with a variety of mechanical seals.
- Standard construction is Cast Iron with mechanical seals.
- Optional 304/316 Stainless Steel construction.
- Parts and repair kits readily available.
- Available as bare pump or as a part of engineered systems.
- Pump is performance tested before delivery.
- 2-year factory warranty.

Materials of Construction

<table>
<thead>
<tr>
<th>Part</th>
<th>Standard Material of Construction</th>
<th>Optional Material of Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body, Head and Cones</td>
<td>Cast Iron</td>
<td>304 or 316 Stainless Steel</td>
</tr>
<tr>
<td>Rotor</td>
<td>Cast Iron</td>
<td></td>
</tr>
<tr>
<td>Shaft Sleeve</td>
<td>Cast Iron</td>
<td></td>
</tr>
<tr>
<td>Shaft</td>
<td>Cast Iron</td>
<td></td>
</tr>
<tr>
<td>Seal</td>
<td>Mechanical Seals</td>
<td>Mechanical seals optional</td>
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</tbody>
</table>

Applications

- Chemical Processing
- Drying
- Deareating
- Central Vacuum System
- Fiber Setting
- Exhausting Molding
- Slot Extraction
- Evaporating
- Chucking
- Extruder Venting
- Forming
- Molding
- Cooking
## NX Series Liquid Ring Vacuum Pumps

### TYPICAL NX SERIES LAYOUT
See pump drawing for more details & dimensions

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<td>28</td>
<td>200</td>
<td>5-15</td>
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<td>NX-45</td>
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<td>280</td>
<td>5-18</td>
<td>3</td>
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<td>1.5-3.0</td>
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<td>395</td>
<td>5-25</td>
<td>4</td>
<td>4</td>
<td>5.0-10.0</td>
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<td>NX-80</td>
<td>28</td>
<td>500</td>
<td>5-30</td>
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<td>5.0-10.0</td>
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<td>NX130</td>
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<td>800</td>
<td>5-50</td>
<td>4</td>
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<td>6.0-12.0</td>
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</tbody>
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**NX Series Liquid Ring Vacuum Pumps**

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