ARO® is a worldwide manufacturer of fluid management products that are skillfully engineered to deliver performance and serviceability, allowing success to flow freely in our customers’ businesses. That’s why ARO is fluid intelligence—the smart choice in fluid management products for industrial operations. With over an 85-year legacy of premier product performance and service excellence, ARO provides fluid management equipment for customers and industries around the globe, including chemical, manufacturing, energy, pharmaceutical, mining and more.

ARO has the right product to meet our customers’ specific needs. We offer air-operated diaphragm pumps, piston pumps and packages, filters, regulators, and lubricators (FRLs), lubrication equipment, and pneumatic valves and cylinders.

**Product and Technical Support**

Every ARO product is backed by a highly qualified team of engineers dedicated to designing products that promote success around the world. Because ARO products are built to be as simple as they are smart, customers benefit from efficient operation and high performance for the best total cost of ownership.

**At ARO we make success flow**
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- **Piston Pump Packages** | 6
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- **Lower Pump End Features** | 10
- **Pump-to-Viscosity Guide** | 12
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Industry expertise merged with proven piston pump technologies.

For over 85 years, the ARO® Fluid Products business of Ingersoll Rand has developed partnerships with more than 200 original equipment manufacturers and distributors, enabling us to better focus on the unique pumping needs of many industries. It’s a strategic merger of our partners’ application expertise, along with our decades-long legacy of designing and building outstanding piston pumps.

Simply Versatile

ARO piston pumps are capable of handling a wide variety of viscous fluids. With a wide selection of pressure ratios and displacement rates available, ARO offers a number of piston pump packages that may meet your specific application needs. Offered in multiple configurations, including single-post, two-post and heavy-duty two-post, our piston pump packages ensure we have the right solutions for the following applications as well as many others.

Our partnerships create unmatched application expertise in:

- Finishing
- Coatings
- Sealants and adhesives
- Lubrication
- Bulk material transfer and circulation
- High-pressure cleaning
Pumping fundamentals

The versatility of piston pumps is unmatched as they are used in a seemingly endless array of applications and pumping solutions. With this in mind, it is important to remember these basic pumping fundamentals to help ensure the right product is selected for your unique application.

Piston Pump Applications

Piston pumps are used in a wide variety of fluid handling applications. The majority of these can be broken down into four different categories:

<table>
<thead>
<tr>
<th>Transfer</th>
<th>Extrusion</th>
<th>Coating</th>
<th>Measuring/Dispense</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moving a low-to-medium viscosity fluid from one location to another. 2-ball and 4-ball style pumps are the most frequently used in transfer applications.</td>
<td>Involves using a piston pump to apply medium-to-high viscosity materials. Typical extrusion applications require accessories like rams and fluid regulators to meet customer requirements. Chop-check and 2-ball pumps are used in extrusion applications.</td>
<td>This involves application of material by either spray or dipping. Coating applications use 2-ball and 4-ball pumps.</td>
<td>Measuring and dispense involves the delivery of a specified quantity of fluid on a repetitive basis. Measuring and dispense applications use 2-ball, 4-ball and chop-check pumps.</td>
</tr>
</tbody>
</table>

Ratio

Ratio is the effective area differential between the air motor plunger piston and the lower end plunger rod. An 11:1 ratio indicates the pump air motor piston has 11 times the effective area of the fluid handling piston. Higher ratio pumps produce higher fluid pressures which allows them to either move higher viscosity fluids or transfer fluids longer distances.

A

At 100 psi of inlet pressure, an 11:1 pump produces 1,100 psi of fluid outlet pressure.

B

A 23:1 pump would produce 2,300 psi of fluid outlet pressure, given the same air inlet.

Materials of Construction

Pump components are constructed of different materials to ensure the pump is best suited for a particular application.

Lower Pump End Component Options

**Stainless Steel** – Used with corrosive fluids and water-borne materials. Stainless steel is corrosion resistant. It can be heat-treated, hard chrome-plated or Ultra-Coated to improve abrasion resistance.

**Carbon Steel** – Provides excellent abrasion resistance. It can be heat-treated or hard chrome-plated. Not suited for water-borne fluids and corrosive materials, as it will rust and deteriorate.

Packing Seal Options

Packing seals are used to seal movement of the plunger rod, both in the throat seal and piston seal areas of the pump. They are made of different materials to ensure chemical and material compatibility to maximize service life.

**UHMW-PE** (Ultra-High Molecular Weight Polyethylene) – An all-purpose packing material that provides excellent abrasion resistance. Commonly used with corrosive chemicals, ketone, acids, and room-temperature vulcanizing (RTV) materials.

**PTFE** Compatible with all fluids. Provides excellent corrosion resistance but minimal abrasion resistance. Commonly used with corrosive chemicals, ketone, acids, and room-temperature vulcanizing (RTV) materials.

**Leather** Commonly used in combination with UHMW-PE packings for excellent sealing and abrasion resistance. UHMW-PE and leather are most often used when pumping inks.

**Staggered** Combining packing seals made of different material combinations can often maximize service life by utilizing the strengths of both materials.
Paired to perform
The right package for your application

Most applications require more than just a pump. ARO® piston pumps offer a wide range of transfer, extrusion, and finishing packages that not only enhance your productivity, but also simplify the ordering process. We provide you with the right configuration of air motor, piston pump, mount, follower, controls, and down-stream accessories; you simply attach an air hose, connect the package to the fluid source, attach a fluid outlet line and you’re good to go.

1. Pump
   Coupled with our air motor, we can configure our 2-ball, 4-ball, and chop-check pumps to be optimized for your application.

2. Air motor
   Available in seven sizes, our air motors provide power and reciprocating motion to our pumps. The larger the air motor, the more power it delivers.

3. Ram
   Our single-post, two-post, and cart-mounted systems are used to pump material out of containers. They enable quick container changeover, minimizing process interruptions. The 3.25" cylinders deliver best-in-class down force, improving material supply to the pump.

4. Follower plate
   Connected to the pump and the ram, follower plates feed material into the pump from a variety of container sizes. In addition to improving pump performance, follower plates protect your material and reduce waste.
Application packages

FINISHING, COATINGS, SEALANTS, INKS, AND ADHESIVES

TPX Package
Features a two-post ram, pump, follower plate and controls designed for high-viscosity applications when maximum down force is required. Available for 5 GAL (19L) – and 55-GAL (208L) containers.

SPX Package
Ideal for medium- to heavy-viscosity extrusion, ARO Fluid Product’s single-post ram with pump, follower plate, and controls allows for easy container changeover while providing industry-leading down force during operation. Available for 5 GAL (19L) containers.

CMX Package
Popular in airless spray applications, these packages feature a high-pressure pump, air control, material filter, and suction hose — all mounted on a heavy-duty cart. Available for 5 GAL (19L) containers.

ALX Package
Ideal for finishing and adhesive applications where you need to keep fluid mixed. Includes lift, drum cover, agitator, and air controls. Available for 55-GAL (208L) containers.

DCX Package
The ARO line of lubrication pumps can be configured with a drum cover and air controls for the transfer and supply of oil and grease. Available for 16 GAL (61L) and 55-GAL (208L) containers.

DMX Package
Same as DCX but this has a bung adapter to thread into container rather than a drum cover. Available for 55-GAL (208L) container.

FMX Package
Ideal for fluid transfer from tanks and piping systems, pumps come with a floor-mountable stand to connect to inlet piping.

WMX Package
The compact design of our piston pumps make them ideal for mounting on walls or appropriate structures. This package includes the pump and bracket for vertical mounting on structures.

LUBRICATION

BULK MATERIAL TRANSFER / CIRCULATION

HIGH-PRESSURE CLEANING

Recommended accessories

Fluid Regulators
Material Filters
Extrusion Guns
Lubrication Meters
Siphon Hoses
Wet Sol® Packing Lubricants
ARO Stop Overrun Controls
High-Output Mufflers
Filter Regulators

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ARO Piston Pump Motor Technologies

N-Series / Thunder Series Motors

For Lubrication and Light-Industrial Applications

ARO N-Series/Thunder Series motors deliver unmatched industrial strength and performance in a small, compact pump and package configurations. Offered in 2” and 3” sizes, these motors are the perfect choice for lubrication and light-industrial applications when paired with a lower pump end. With ratios ranging from 2:1 to 50:1, the ARO N-Series/Thunder Series pumps are versatile enough to meet the requirements of the most demanding applications.

Features and benefits

- Motor’s patented design improves flow, reduces pulsation, and extends service life
- Offers simple self-service maintenance due to advanced design with 50% fewer parts
  - Motor has only 3 moving parts
- Reduces service time, due to in-line service design with no special tools required
- Features stall-free, ice-free air motor with tough, durable housing
  - Lubrication-free operation
  - Integrated muffler design reduces noise levels
- Unbalanced air valves promote consistent operation and performance
- 3” stroke length
- Cycle-count options available on select models
AFX™ ARO Force Series
For Industrial Lubrication and Industrial Applications

AFX™ reliability features:
1. **Progressive Exhaust™** Parabolic valve geometry and cascading expansion chambers practically eliminate variability in pump performance caused by changing environmental conditions or icing.

2. **True Link Valve™** Our pulse profile is virtually undetectable. Highly polished ceramic valve plates and PTFE-filled acetal valve components are directly linked to the drive piston, creating an industry-leading changeover time of less than one-tenth of a second. There are no springs to fail or consume energy. Patent pending.

3. **Fiber-wound, conductive composite cylinder** has superior seal wear created by the epoxy surface; metal cylinders can seize with piston if seal failure occurs.

4. **Lubrication-free operation** saves you the cost of lubricating your pump.

5. **6" stroke** results in improved performance for your process with high displacement per stroke, improved pulse profile, and reliability due to fewer switch-overs per cycle.

**Hydraulic motors also available for select models.**

AFX™ designed simplicity features:
6. **Universal valve block** reduces downtime since it’s easily serviced and interchangeable between all motor sizes.

7. **Universal lower end pump connection** permits interchangeability between various sized air motors and pump ratios — you may upgrade the motor without buying a new pump.

8. **Compact design** makes it easier to incorporate our pumps into OEM equipment.

9. **Actuation control ports** provide access for pneumatic logic signal controls. Patent pending.

**Hydraulic motors also available for select models.**

AFX™ safety features:
10. **Groundability** provides safe operation where static charge build-up and sparking is a concern. Our groundable pumps are ATEX-compliant.

11. **Optional integrated ball valve regulator** enhances safety by enabling air pressure to be set using a regulator, to be checked visually by reading the gauge, and to be dumped manually; also completely eliminates need for installation and expense of extra plumbing, regulators, or valves. Patent pending.
Simply better pumps
ARO Lower Pump End Technology

Whether your application requires a 2-ball, 4-ball, or chop-check piston pump, with ARO you get a pump that’s better engineered, from the inside out. We offer design features and performance enhancements that ensure your pump is as durable and dependable as possible — maximizing output and minimizing downtime for a long time to come.

Pump selection made simple
With an ARO piston pump, you can be assured of getting reliable equipment with the least amount of effort, calculation, or hassle on your part. There are basically four factors to take into consideration when selecting the right configuration for your application:
- Type of fluid
- Viscosity or thickness
- Required flow rate
- Required output pressure

Pump selection at a glance
Knowing fluid viscosity and flow rates makes it easier to choose the right pump for your application. Not sure what size air motor or piston pump you need? No problem. You can find out by calling ARO Technical Support and working directly with our expert pump consultants, or by visiting our website to access specific pump performance data. Either way, you’ll be sure to get a motor and pump package that operates efficiently, reliably, and safely.

Best-in-class output
- Our 6” stroke delivers best-in-class displacement per cycle, delivering better flow rate, better output, and less fatigue on parts.

Easy serviceability
- Plungers and packings are easily accessible, minimizing downtime.
- Pump packings on the lower pumps are adjustable, featuring a wave spring and guide arrangement.
- Parts are available in convenient service kits so you have the right parts at the right time.

Superior performance with abrasive fluids
- Plunger rods and cylinder tubes feature the exclusive ARO® ceramic ultra-coating, extending service life up to twice as long. Available on 2-ball. Standard on 4-ball.
- Available in affordable high-grade stainless-steel construction.
- Electro-polished and passivated for material compatibility and corrosion-free operation.
- Eight packing options are available, including ultra-high molecular weight polyethylene (UHMW-PE), for even better material compatibility and excellent abrasion resistance.
- Chrome-plated stainless steel plungers for superior resistance to rust and corrosion.
2-ball pumps are among the most versatile in the ARO line. They are capable of handling applications from simple transfer to the extrusion of low- to medium-viscosity materials up to 100,000 centipoise (cPs) with fluid delivery up to 18.1 gpm (68.6 L/min).

ARO-Force 4-ball piston pumps are designed to transfer high volumes of low- and medium-viscosity fluids up to 12,500 cPs with fluid delivery up to 32.8 gpm (124.0 L/min), depending on the application. A common use involves circulating fluid from the original container, to the point of use, and then back.

The heavy-hitters of the line, ARO chop-check pumps are designed to move medium- to high-viscosity fluids ranging from 15,000 to more than 1,000,000 cPs, and at delivery rates up to 12.2 gpm (46.3 L/min).
### Pump-to-Fluid Viscosity Guide

#### Considerations:
The chart should only be used as a guide, and not as an absolute solution to a pump application. It does not take into consideration pressure losses due to sizes and lengths of hoses, piping runs, dispensing valves, hose swivels, elevations, and other restriction factors.

#### Flow (gpm) | Maximum Delivery Rate gpm (L/min) | Ratio | Fluid Pressure Range psi (bar) | Pump Model Number | Material of Construction | Lower End Type | 500 cPs | 1,000 cPs | 2,000 cPs | 5,000 cPs | 7,500 cPs
---|---|---|---|---|---|---|---|---|---|---|---|
0.2 | 0.2 | 2:1 | 0 - 1300 (207.2) | NM0230C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
0.3 | 0.3 | 2:1 | 0 - 1300 (207.2) | NM0330C-12-X | Stainless Steel | Choke-Check | Flooded Inlet |
0.5 | 0.5 | 2:1 | 0 - 1300 (207.2) | NM0530C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
0.74 | 0.74 | 2:1 | 0 - 1300 (207.2) | NM0740C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
1.24 | 1.24 | 2:1 | 0 - 1300 (207.2) | NM1240C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
3.69 | 3.69 | 2:1 | 0 - 1300 (207.2) | NM3690C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
13.69 | 13.69 | 2:1 | 0 - 1300 (207.2) | NM13690C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
23.5 | 23.5 | 2:1 | 0 - 1300 (207.2) | NM2350C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
250,000 | 250,000 | 2:1 | 0 - 1300 (207.2) | NM25000C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |

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1. Flow (gpm) | Maximum Delivery Rate gpm (L/min) | Ratio | Fluid Pressure Range psi (bar) | Pump Model Number | Material of Construction | Lower End Type | 500 cPs | 1,000 cPs | 2,000 cPs | 5,000 cPs | 7,500 cPs
---|---|---|---|---|---|---|---|---|---|---|---|
0.5 | 0.5 | 2:1 | 0 - 1300 (207.2) | NM0530C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
0.74 | 0.74 | 2:1 | 0 - 1300 (207.2) | NM0740C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
1.24 | 1.24 | 2:1 | 0 - 1300 (207.2) | NM1240C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
3.69 | 3.69 | 2:1 | 0 - 1300 (207.2) | NM3690C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
13.69 | 13.69 | 2:1 | 0 - 1300 (207.2) | NM13690C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
23.5 | 23.5 | 2:1 | 0 - 1300 (207.2) | NM2350C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |
250,000 | 250,000 | 2:1 | 0 - 1300 (207.2) | NM25000C-11-X | Stainless Steel | Choke-Check | Flooded Inlet |

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### Additional Considerations:
- **Flow Rate (gpm):** The chart provides the maximum delivery rates for different flow rates, ranging from 0.2 gpm to 250,000 gpm.
- **Material of Construction:** Various materials are listed, including Stainless Steel, Carbon Steel, and others, indicating the type of pump and its suitability for different viscosities.
- **Lower End Type:** Options include Choke-Check, Flooded Inlet, and others, indicating the type of application and performance characteristics.
- **Viscosity Range:** The chart covers a wide range of viscosities, from 0.74 cPs to 250,000 cPs, allowing for a broad range of applications.

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#### Note:
The chart is designed to provide guidance for selecting the appropriate pump for a given application, taking into account factors such as flow rate, fluid pressure, and viscosity. Always consult with a professional to ensure the correct selection for your specific needs.
Warranty and Emissions

General Piston Pump Warranty
Ingersoll Rand / ARO Piston Pumps warrants to the original use purchaser of the Ingersoll Rand / ARO Piston Pumps-manufactured products depicted in this catalog that Ingersoll Rand / ARO Piston Pumps will repair or replace free of charge, including return shipping costs within the continental United States of America, any such product which under normal use and service proves defective in material or workmanship, as determined by ARO Inspection, within five (5) years from the date of purchase, provided the claimed defective product or thereof is promptly returned to the Ingersoll Rand / ARO Piston Pumps factory or Customer Service Center with transportation charges prepaid.

If Ingersoll Rand / ARO Piston Pumps inspection discloses no defect in material or workmanship, repair or replacement and return will be made at customary charges.

The foregoing warranty supersedes, voids, and is in lieu of all or any other warranties, express or implied, and no warranty of merchantability or fitness for particular purpose is intended or made. The sole obligation of Ingersoll Rand / ARO Piston Pumps and the original-use purchaser’s sole remedy is as stated above, and in no event shall Ingersoll Rand / ARO Piston Pumps be liable for any special, direct, indirect, incidental, consequential, or other damages or expenses of any nature including, without limitation, loss of profits or production time incurred by the original-use purchaser or any other party.

Air Systems Components Warranty
Ingersoll Rand / ARO Piston Pumps warrant to the original-use purchaser of the air systems components depicted in this catalog that Ingersoll Rand / ARO Piston Pumps will repair or replace, free of charge, including return shipping costs within the continental United States of America, any such product which under normal use and service proves defective in material or workmanship, as determined by ARO Inspection, within twelve (12) months from the date of purchase provided the claimed defective product or thereof is promptly returned to the Ingersoll Rand / ARO Piston Pumps factory or Customer Service Repair Center or a factory-authorized service repair center, with transportation charges prepaid. Full warranty information is available upon request.

Noise Emissions
Pump sound pressure levels published here have been updated to an Equivalent Continuous Sound Level (LAeq) to meet the intent of ANSI S1.13-1971. CAGI-PNEUROP S5.1 using four (4) microphone locations.

<table>
<thead>
<tr>
<th>Pump Motor Size/Stroke</th>
<th>Muffler</th>
<th>Air Operating Pressure psi</th>
<th>Cycles/Minute</th>
<th>Sound Pressure (LAeq)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PISTON PUMPS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2” / 3”</td>
<td>None</td>
<td>150 psi (10.3 bar)</td>
<td>120</td>
<td>80.0 db(A)</td>
</tr>
<tr>
<td>2” / 3”</td>
<td>None</td>
<td>150 psi (10.3 bar)</td>
<td>75</td>
<td>77.8 db(A)</td>
</tr>
<tr>
<td>3” / 3”</td>
<td>None</td>
<td>150 psi (10.3 bar)</td>
<td>120</td>
<td>85.0 db(A)</td>
</tr>
<tr>
<td>4.25” / 4”</td>
<td>67445-1</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>81.8 db(A) to 89.2 db(A)</td>
</tr>
<tr>
<td>4.25” / 6”</td>
<td>67445-1</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>81.8 db(A) to 86.5 db(A)</td>
</tr>
<tr>
<td>6” / 6”</td>
<td>67445-2</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>84.7 db(A)</td>
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<tr>
<td>8” / 6”</td>
<td>67445-3</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>86.8 db(A)</td>
</tr>
<tr>
<td>10” / 6”</td>
<td>67445-4</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>89.8 db(A)</td>
</tr>
<tr>
<td>12” / 6”</td>
<td>67445-5</td>
<td>60 psi (4.13 bar)</td>
<td>40</td>
<td>93.0 db(A)</td>
</tr>
<tr>
<td>Flow (gpm)</td>
<td>Maximum Delivery Rate (gpm/L/min)</td>
<td>Ratio</td>
<td>Fluid Pressure Range (psi/bar)</td>
<td>Pump Model Number</td>
</tr>
<tr>
<td>-----------</td>
<td>----------------------------------</td>
<td>-------</td>
<td>-------------------------------</td>
<td>-------------------</td>
</tr>
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<td>48.8 (2.8-110.3)</td>
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<tr>
<td>12.2</td>
<td>30:1</td>
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<td>5.4</td>
<td>65:1</td>
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<td>4.3</td>
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<tr>
<td>3.2</td>
<td>12:1</td>
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<td>23:1</td>
<td></td>
<td>6.8 (1.6-46.8)</td>
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<tr>
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<td>3.6:1</td>
<td></td>
<td>5.7 (1.0-5.7)</td>
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<td>65:1</td>
<td></td>
<td>4.9 (1.0-4.9)</td>
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<tr>
<td>4</td>
<td>9:1</td>
<td></td>
<td>15.1 (2.5-15.1)</td>
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</tbody>
</table>

Flooded Inlet

Ram Mounted

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Siphon
Base Models

Pump and Package Configuration

ARO piston pump and package models can be configured to optimize performance in a wide variety of applications. Materials of construction, pressure ratio, packing seal materials, pump type, and package type can all be configured to ensure your process is handled successfully. The tables listed below provide an overview of the ARO-Force numbering system and the related pump and package options that can be configured:

**AFX Pump Numbering System**

<table>
<thead>
<tr>
<th>Position</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example:</td>
<td>AF</td>
<td>06</td>
<td>4S</td>
<td>G</td>
<td>1</td>
<td>1</td>
<td>RK</td>
<td>4</td>
<td>7</td>
<td>-</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

- **Position 1**: Pump Series
- **Position 2**: Motor Size
- **Position 3**: Ratio
- **Position 4**: Check Type / Wetted Materials
- **Position 5**: Container Suitability
- **Position 6**: Fluid Inlet / Outlet Thread Type
- **Position 7**: Packing Seals (Upper / Lower)
- **Position 8**: Spring / Solvent Cup
- **Position 9**: Plunger
- **Position 10**: Options

**Configured to Meet Your Needs**

<table>
<thead>
<tr>
<th>Position</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example:</td>
<td>TP</td>
<td>06</td>
<td>45</td>
<td>G</td>
<td>5</td>
<td>1</td>
<td>RK</td>
<td>4</td>
<td>7</td>
<td>T</td>
<td>N</td>
<td>2</td>
</tr>
</tbody>
</table>

- **Position 1**: Package Type
- **Position 2**: Same As Pump Model Number
- **Position 3**: Ram Container Size
- **Position 4**: Same As Pump Model Number
- **Position 5**: Follower Plate Material
- **Position 6**: Follower Seal Type, Seal / Backer Material
- **Position 7**: Package Options

**Configured to Meet Your Needs**

Our most common pump and package configurations are listed within the related pump brochures. If however, your application requires a configuration that is not listed, feel free to contact the ARO technical support team to discuss additional configuration options that may be available. As the pump experts, there is no application that the ARO team will not try to solve.
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