Pump information

Customer Commitment

Many factors contribute to the ability of FMC Technologies to satisfy customer needs - a broad, high-pressure pump line offering advanced technology and materials - integrated engineering, manufacturing, fabrication, and testing capabilities - worldwide technical assistance - and a proven track record of success in a complete range of applications. Most importantly, FMC Technologies possesses a company-wide commitment to performance and value.

All pumps and consumable parts are manufactured to precise specifications using advanced materials of construction, specialized machining processes, and rigid quality control measures. As part of its commitment to continuous improvement, FMC Technologies provides comprehensive technical assistance, custom pump designs, and global support.

Manufacturing

FMC Technologies manufactures its family of piston and plunger pumps at its state-of-the-art facility utilizing the latest in CNC machining centers, production planning systems, 3D CAD/CAM systems, and order and distribution systems. Like other FMC Technologies products, the pump line is manufactured to ISO-9001 quality standards. Every pump is tested prior to shipment to ensure that it meets rigorous industry and customer requirements. All tests can be witnessed and certified.

Research and Development

As the pump industry's performance and value leader, FMC Technologies is investing more capital and manpower in research and development than at any time in its history. Dedicated R&D personnel using state-of-the-art facilities are working to refine existing products and to create new pumps designed to satisfy specific customer requirements.



All FMC Technologies' pumps are tested at rated speeds and pressures prior to shipment. FMC Technologies provides a complete range of research and development testing using drilling mud, sea water, and other fluids

Pump Systems

FMC Technologies and its distributors have the resources to deliver turnkey pump systems on a global basis. By combining systems design, engineering, manufacturing, and project management capabilities, FMC Technologies offers proven pump packages for a complete range of applications. From a simple pump package with motor and skid to a complete pumping system with multiple pumps, controls, valves, and piping, the FMC Technologies team delivers.

FMC Technologies pumps are manufactured to ISO-9001 standards at its state-of-the-art facility in Stephenville, Texas.

Markets

- » Agriculture
- » Chemical
- » Desalination
- » Drilling
- » General Industrial
- » Mining
- » Oil and gas
- » Pulp and paper
- » Sewer Cleaning
- » Steel

Pump applications

Oil & Gas

As one of the world's top suppliers of solutions for the global oil and gas industry, FMC Technologies delivers pumps for a complete range of process, transportation, and refining applications. These world-proven pumps are built to excel in the most demanding services while providing a safe, effective method of pumping hot, corrosive, and/or hazardous fluids at pressures up to 10,000 psi. Typical applications include:

- » Water disposal
- » Secondary recovery
- » Glycol dewatering
- » Amine sweetening
- » Chemical injection
- » Crude transfer





General Industrial

Reciprocating pumps from FMC Technologies are ideally suited for a wide variety of industrial services where durability, high efficiency, and versatility are paramount. FMC Technologies pumps are setting new standards for low cost of ownership, long service life, and ease of maintenance in the world's toughest industrial applications. Typical applications in this market include:

- » Machine tool coolant
- » Mine-dust suppression
- » Mine dewatering
- » Steam boiler feed
- » High-pressure washdown
- » Descaling
- » Fire protection
- » Hydrostatic testing
- » Water jet cutting
- » Slurries



Horizontal Directional Drilling

As the pioneer and global leader in the development of piston pump technology within the Horizontal Direction Drilling Industry (HDD), FMC Technologies product offering has been designed to meet the market's demanding requirements. FMC Technologies HDD product line offering enables the customer to design drill systems using onboard or stand–alone pumping solutions. FMC Technologies' piston pumps have fewer parts than plunger pumps, making them inherently easier and less costly to maintain. The pumps are manufactured to precise specifications using the most advanced materials, machining processes and rigid quality control measures. It's this commitment to design and quality which increases drilling productivity. FMC Technologies piston pumps maximize revenues by increasing asset efficiency while lowering overall pump ownership cost. Please contact your FMC Technologies sales representative for further information.

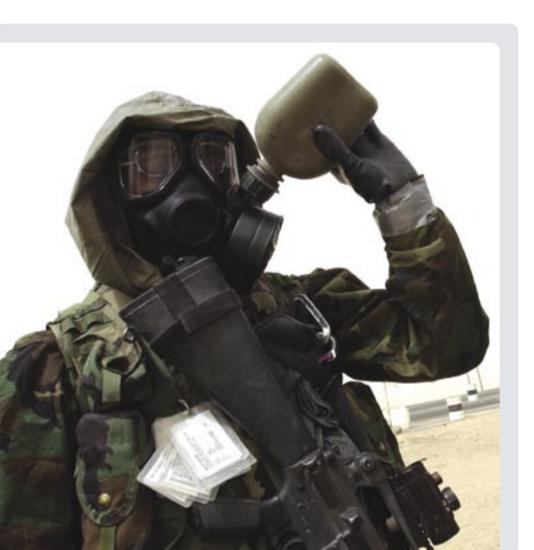
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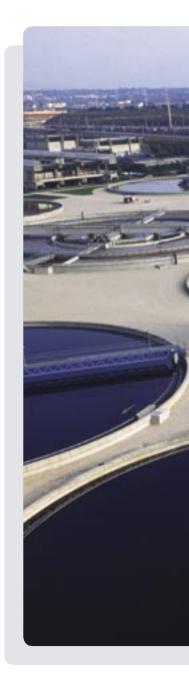


Reverse Osmosis Water Purification

The high mechanical efficiency of FMC Technologies pumps makes them the ideal choice for reverse osmosis systems. The world leader in both commercial and military RO pump technology, FMC Technologies delivers triplex and quintuplex pump solutions for smooth, reliable performance with minimal maintenance requirements. FMC Technologies provides aluminum bronze or stainless steel construction for most RO services, however duplex stainless or exotic materials such as Hastelloy are available for critical, high salinity or acidic liquid requirements.

The patented FMC Technologies Aqua Pump is the solution for critical RO services where minimal equipment weight and size are required. The pump features a unique composite material construction, oil–free drive end and produces minimal pulsations.





Sewer Cleaning Pumps

FMC Technologies continues to supply unsurpassed technology, service and responsiveness to the sewer cleaning industry. FMC Technologies' culture of being responsive and reacting to the needs of a market is directly related to providing this alternative pumping solution to the OEM's of the sewer cleaning industry.



FMC Technologies leads the market into the 21st century with its environmental friendly pump product. The custom design piston pump products operate at lower r.p.m.'s while incorporating state–of–the–art materials and wear components. The pumps are designed to pump the most abrasive fluids within the industry such as gray water and recycled sewer and storm waters. The FMC Technologies Sewer Cleaning Pumps continue the tradition of lowering component life cycle cost and total cost of ownership by incorporating longer lasting, increased wear characteristics and run dry capabilities. Please contact your FMC sales representative for further information.

Pump applications

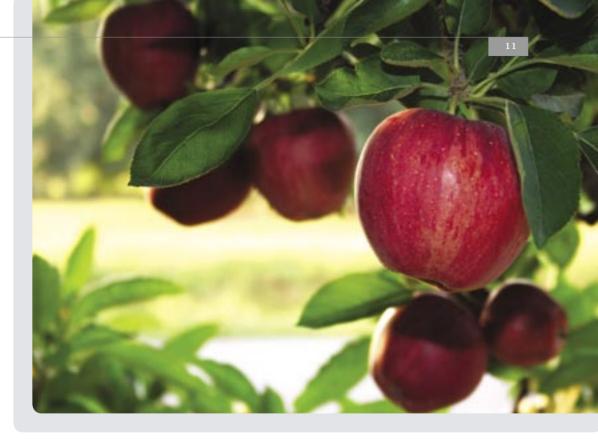
Core Drilling and Mining

The durability of the FMC Technologies "Bean" piston pumps is unsurpassed within the vertical drilling markets. Designed for continuous duty applications, the FMC Technologies "Bean" piston line increases drilling productivity while lowering the overall cost of ownership. The pump's simple design incorporates less wearable components and ease of service. FMC Technologies self-cleaning and erosionresistant valve technology enables the pumps to handle the most abrasive and stringy fluids within the industry. Each drilling activity requires enhancing certain conditions and criteria to maximize drilling performance. This customization has led FMC Technologies pumps to become the leader within the surface and underground coring, water well, geotechnical and the environmental drilling markets with its "BEAN" piston pump product line.





In addition to the services already listed, FMC Technologies is a leading provider of pumping solutions designed for mobile equipment. These pumps feature lightweight, highperformance construction and special designs to allow them to efficiently integrate into the overall equipment package.



Agriculture

In addition to the markets and applications already listed, FMC Technologies is a leading provider of high pressure pumping solutions for the mobile equipment market. Since 1884, FMC Technologies has been creating economic value by developing a diverse line of custom pumps designed around the needs and criteria of our agricultural and sewer cleaning customers.

The "Bean Piston Pump Product Line" can be customized to handle the most abrasive and corrosive insecticides and pesticides. FMC Technologies engineer's expertise in materials and chemical analysis enables FMC Technologies to manufacture and construct pumps that are ideally suited for the agricultural spraying applications of today. By understanding the "what and why" within the pumping specifics, FMC Technologies is able to provide the professional sprayer a broad line of pumps that increase revenue and lower overall operating cost. In addition to maximizing economic value, FMC Technologies continues its tradition of delivering a quality product at a competitive price.

Pump applications

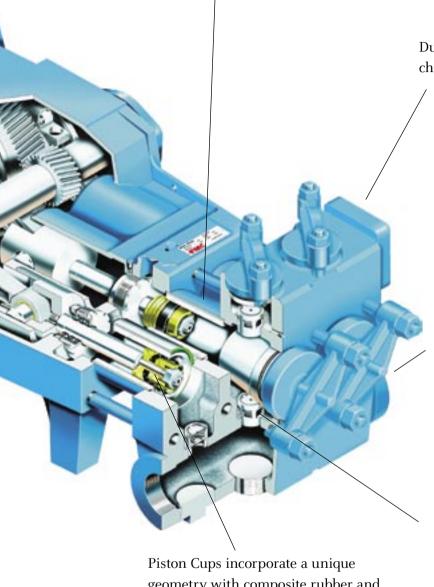
Piston pumps

FMC Technologies Piston Pumps are engineered and designed to meet the market needs and requirements. By working together with it's customers, FMC Technologies customizes the designs and innovative component technology to optimize pump efficiency in the most extreme working conditions. The lower life cycle cost can be contributed to designing longer lasting parts with innovative wear characteristics into the pumping solution. Increased priming characteristics can be achieved with low clearance volume fluid chambers. The piston pumps are designed to enable service in the field, decrease any unnecessary downtime and increase production profit output.

Shaft configurations provide maximum flexibility. Straightkeyed shaft or splined shafts are available for hydraulic motors and external gear reducers.

Compact Power Frames (many with builtin gear reduction) simplify installation in mobile or space-constrained applications.

FMC Technologies Piston Pumps continue to create value that is unsurpassed in the industry. The versatility of a broad range of piston products combined with innovative design, component technology with lower life cycle cost and serviceability allows FMC Technologies to focus on Tomorrow's Engineered Solutions Today. The Piston Pump Product line is available in up to 350 horsepower and designed for continuous duty industrial applications. The piston pump product is available in triplex, quintuplex or quadruplex configurations and operate up to 2,500 psi with flows up to 670 gpm. Pumps can incorporate ductile iron, aluminum bronze and other materials as required by the application. Solid Ceramic Piston Liners provide the ultimate in wear and corrosion resistance.



Durable Fluid End designs enhance priming characteristics and component service life.

Removable Cylinder Covers allow for fast, easy maintenance of the packing without removal of the fluid end or piping.

Piston Cups incorporate a unique geometry with composite rubber and fabric construction for reliable, leak-tight performance. Standard Disc Valves provide quiet, efficient performance in most applications. Abrasionresistant and ball style valves are available to suit highperformance applications.

Overall, FMC Technologies broad product offering, serviceability, innovative designs and component technology increases productivity by decreasing downtime. FMC Technologies Piston Pumps continue to lower overall cost of ownership by providing Tomorrow's Market Solutions Today.

0 – 34 HP Pump Specifications (Pump Selection Formula PG. #25)

| | | mp c | pecifications | (Pump Selecti | | | | | |
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| Pumps | Node | Rate | ed Pressure Ipsil Continuous Dury | Internit | (all | ~ / Sé | olutionet | ertini Grove | |
| | A0410 | 850 | 4.2 GPM @ 400 RPM | 5.3 GPM @ 500 RPM | 0.0106 | 1.250 | 2 | 1.00 | (|
| Ao4 | A0411 | 700 | 5.2 GPM @ 400 RPM | 6.5 GPM @ 500 RPM | 0.0129 | 1.375 | 2 | 1.00 | |
| 2.6/3.2 HP | A0413 | 550 | 7.2 GPM @ 400 RPM | 9.0 GPM @ 500 RPM | 0.0180 | 1.625 | 2 | 1.00 | |
| | I0410 | 850 | 4.2 GPM @ 400 RPM | 5.3 GPM @ 500 RPM | 0.0106 | 1.250 | 2 | 1.00 | |
| Io4 | I0411 | 700 | 5.2 GPM @ 400 RPM | 6.5 GPM @ 500 RPM | 0.0129 | 1.375 | 2 | 1.00 | |
| 2.6/3.2 HP | I0413 | 550 | 7.2 GPM @ 400 RPM | 9.0 GPM @ 500 RPM | 0.0180 | 1.625 | 2 | 1.00 | |
| Mo4 | M0405 | 1,750 | 2.4 GPM @ 600 RPM | 3.6 GPM @ 900 RPM | 0.0040 | 0.625 | 3 | 1.00 | |
| 2.8/4.2 HP | M0406 | 1,250 | 3.4 GPM @ 600 RPM | 5.1 GPM @ 900 RPM | 0.0057 | 0.750 | 3 | 1.00 | |
| East | E0410 | 850 | 9.5 GPM @ 450 RPM | 10.9 GPM @ 515 RPM | 0.0212 | 1.250 | 4 | 1.00 | |
| E04 6.1/7.0 HP | E0411 | 700 | 11.6 GPM @ 450 RPM | 13.2 GPM @ 515 RPM | 0.0257 | 1.375 | 4 | 1.00 | |
| , /.0 | E0413 | 550 | 16.2 GPM @ 450 RPM | 18.5 GPM @ 515 RPM | 0.0359 | 1.625 | 4 | 1.00 | |
| Lo9 | L0913 | 1,200 | 12.6 GPM @ 750 RPM | 15.0 GPM @ 890 RPM | 0.0168 | 1.625 | 3 | 2.25 | |
| 11.6/13.8 HP | L0914 | 1,000 | 14.6 GPM @ 750 RPM | 17.4 GPM @ 890 RPM | 0.0195 | 1.750 | 3 | 2.25 | |
| , 5 | L0918 | 700 | 24.2 GPM @ 750 RPM | 28.7 GPM @ 890 RPM | 0.0323 | 2.250 | 3 | 2.25 | |
| Lo6 | L0614 | 1,000 | 16.4 GPM @ 350 RPM | 23.5 GPM @ 500 RPM | 0.0469 | 1.750 | 3 | 1.50 | |
| 12.3/17.6 HP | Lo618 | 700 | 27.1 GPM @ 350 RPM | 38.8 GPM @ 500 RPM | 0.0775 | 2.250 | 3 | 1.50 | |
| Lo6-HV | Lo614-HV | 1,200 | 18.8 GPM @ 400 RPM | 25.8 GPM @ 550 RPM | 0.0469 | 1.750 | 3 | 1.50 | |
| 15.1/20.7 HP | Lo618-HV | 750 | 31.0 GPM @ 400 RPM | 42.6 GPM @ 550 RPM | 0.0775 | 2.250 | 3 | 1.50 | |
| | Мобо4 Мобол | 10,000 | 1.8 GPM @ 475 RPM | 2.3 GPM @ 600 RPM | 0.0038 | 0.500 | 3 | 1.50 | |
| | M0605 M0606 | 8,800 | 2.9 GPM @ 475 RPM | 3.6 GPM @ 600 RPM | 0.0060 | 0.625 | 3 | 1.50 | |
| Mat | M0608 | 6,100 | 4.1 GPM @ 475 RPM 7.3 GPM @ 475 RPM | 5.2 GPM @ 600 RPM 9.2 GPM @ 600 RPM | 0.0086 | 0.750 1.000 | 3 | 1.50 | |
| Mo6 16.6/20.9 HP | M0608 | 3,400 2,200 | 11.4 GPM @ 475 RPM | 14.3 GPM @ 600 RPM | 0.0153 0.0239 | 1.250 | 3 | 1.50 1.50 | |
| | M0010 M0612 | 1,500 | 16.3 GPM @ 475 RPM | 20.6 GPM @ 600 RPM | 0.0239 | 1.250 | 3 | 1.50 | |
| | M0614 | 1,120 | 22.3 GPM @ 475 RPM | 28.1 GPM @ 600 RPM | 0.0344 | 1.750 | 3 | 1.50 | |
| | M0615 | 1,000 | 25.6 GPM @ 475 RPM | 32.3 GPM @ 600 RPM | 0.0538 | 1.875 | 3 | 1.50 | |
| W11 | W1118 | 1,000 | 24.8 GPM @ 630 RPM | 25.0 GPM @ 635 RPM | 0.0394 | 2.250 | 3 | 2.75 | |
| 17/35 HP | W1122 | 1,000 | 50.1 GPM @ 850 RPM | 50.1 GPM @ 850 RPM | 0.0589 | 2.750 | 3 | 2.75 | |
| | Lo913-HV | 1,500 | 22.7 GPM @ 375 RPM | 27.3 GPM @ 450 RPM | 0.0606 | 1.625 | 3 | 2.25 | |
| L09-HV 22.6/27.1 HP | Lo914-HV | 1,300 | 26.4 GPM @ 375 RPM | 31.6 GPM @ 450 RPM | 0.0703 | 1.750 | 3 | 2.25 | |
| 22.0/2/.1 111 | Lo918-HV | 800 | 43.6 GPM @ 375 RPM | 52.3 GPM @ 450 RPM | 0.1162 | 2.250 | 3 | 2.25 | |
| | M0905 | 10,000 | 3.8 GPM @ 425 RPM | 5.0 GPM @ 550 RPM | 0.0090 | 0.625 | 3 | 2.25 | |
| | M0906 | 6,900 | 5.5 GPM @ 425 RPM | 7.1 GPM @ 550 RPM | 0.0129 | 0.750 | 3 | 2.25 | |
| Mo9 | M0908 | 3,900 | 9.7 GPM @ 425 RPM | 12.6 GPM @ 550 RPM | 0.0229 | 1.000 | 3 | 2.25 | |
| 26/33 HP | M0910 | 2,500 | 15.3 GPM @ 425 RPM | 19.7 GPM @ 550 RPM | 0.0359 | 1.250 | 3 | 2.25 | |
| | M0912 | 1,750 | 21.9 GPM @ 425 RPM | 28.4 GPM @ 550 RPM | 0.0516 | 1.500 | 3 | 2.25 | |
| | M0915 | 1,150 | 34.3 GPM @ 425 RPM | 44.4 GPM @ 550 RPM | 0.0807 | 1.875 | 3 | 2.25 | |
| | Mo8o6 | 10,000 | 5.2 GPM @ 450 RPM | 6.9 GPM @ 600 RPM | 0.0115 | 0.750 | 3 | 2.00 | |
| | Mo807 | 7,400 | 7.0 GPM @ 450 RPM | 9.4 GPM @ 600 RPM | 0.0156 | 0.875 | 3 | 2.00 | |
| | Mo8o8 | 5,650 | 9.0 GPM @ 450 RPM | 12.2 GPM @ 600 RPM | 0.0204 | 1.000 | 3 | 2.00 | |
| Mo8 | Mo810 | 3,620 | 14.4 GPM @ 450 RPM | 19.1 GPM @ 600 RPM | 0.0139 | 1.250 | 3 | 2.00 | |
| 34/45 HP | Mo812 | 2,250 | 20.7 GPM @ 450 RPM | 27.5 GPM @ 600 RPM | 0.0459 | 1.500 | 3 | 2.00 | |
| | Mo814 | 1,850 | 28.1 GPM @ 450 RPM | 37.5 GPM @ 600 RPM | 0.0625 | 1.750 | 3 | 2.00 | |
| | Mo816 | 1,420 | 36.7 GPM @ 450 RPM | 49.0 GPM @ 600 RPM | 0.0816 | 2.000 | 3 | 2.00 | |
| | Mo818 | 1,120 | 46.5 GPM @ 450 RPM | 62.0 GPM @ 600 RPM | 0.1033 | 2.250 | 3 | 2.00 | |

76.5 GPM @ 600 RPM

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57.4 GPM @ 450 RPM

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| | 43 | PISTON | 16.5 | 8.0 | 7.0 | 90% | • | • | | | | | | |
| | 43 | PISTON | 16.5 | 8.0 | 7.0 | 90% | • | • | | | | | | |
| | 43 | PISTON | 16.5 | 8.0 | 7.0 | 90% | • | • | | | | | | |
| | 43 | PLUNGER | 16.0 | 7.5 | 6.5 | 90% | • | • | | • | • | | | |
| | 43 | PLUNGER | 16.0 | 7.5 | 6.5 | 90% | • | • | | • | • | | | |
| | 80 | PISTON | 10.0 | 6.0 | 18.0 | 85% | • | • | | | | | | |
| | 80 | PISTON | 10.0 | 6.0 | 18.0 | 85% | • | • | | | | | | |
| | 80 | PISTON | 10.0 | 6.0 | 18.0 | 85% | • | • | | | | | | |
| | 200 | PISTON | 23.5 | 12.5 | 11.5 | 85% | • | | | | | | | |
| | 200 | PISTON | 23.5 | 12.5 | 11.5 | 85% | • | | | | | | | |
| | 200 | PISTON | 23.5 | 12.5 | 11.5 | 85% | • | | | | | | | |
| | 175 | PISTON | 24.0 | 12.5 | 12.5 | 90% | • | • | | | | | | |
| | 175 | PISTON | 24.0 | 12.5 | 12.5 | 90% | • | • | | | | | | |
| | 225 | PISTON | 27.5 | 12.5 | 12.5 | 90% | • | • | • | | | | | |
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| | 245 | PLUNGER | 27.5 | 12.5 | 12.5 | 90% | | | | • | • | • | • | |
| | 245 | PLUNGER | 27.5 | 12.5 | 12.5 | 90% | | | | • | • | • | • | |
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| | 245 | PLUNGER | 27.5 | 12.5 | 12.5 | 90% | • | • | • | • | • | • | • | |
| | 425 | PISTON | 30.5 | 17.0 | 13.5 | 85% | • | • | | • | • | • | • | |
| | 425 | PISTON | 30.5 | 17.0 | 13.5 | 85% | • | | | | | | | |
| | 325 | PISTON | 30.0 | 14.0 | 12.5 | 90% | • | • | • | | | | | |
| | 325 | PISTON | 30.0 | 14.0 | 12.5 | 90% | • | • | • | | | | | |
| | 325 | PISTON | 30.0 | 14.0 | 12.5 | 90% | • | • | • | | | | | |
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| | 350 | PLUNGER | 30.0 | 14.0 | 12.5 | 90% | | | | • | • | • | • | |
| | 350 | PLUNGER | 30.0 | 14.0 | 12.5 | 90% | • | • | • | • | • | • | • | |
| | 350 | PLUNGER | 30.0 | 14.0 | 12.5 | 90% | • | • | • | • | • | • | • | |
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| | 550 | PLUNGER | 33.0 | 17.0 | 17.0 | 90% | | | | • | * | • | • | |
| | 550 | PLUNGER | 33.0 | 17.0 | 17.0 | 90% | | | | • | • | • | • | |
| | 550 | PLUNGER | 33.0 | 17.0 | 17.0 | 90% | | | | • | • | • | • | |
| | 550 | PLUNGER | 33.0 | 17.0 | 17.0 | 90% | | | • | • | • | • | • | |
| | 550 | BOTH | 33.0 | 17.0 | 17.0 | 90% | • | • | • | • | • | • | • | |
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37 – 117 HP Pump Specifications

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| ~ | | | | | | <u> </u> | \angle | | \square |
| L11 | L1114 | 2,500 | 21.5 GPM @ 900 RPM | 30.5 GPM @ 1275 RPM | 0.0239 | 1.750 | 3 | 2.75 | |
| 37/52 HP | L1118 | 1,500 | 35.5 GPM @ 900 RPM | 50.2 GPM @ 1275 RPM | 0.0394 | 2.250 | 3 | 2.75 | |
| | L1122 | 1,000 | 53.0 GPM @ 900 RPM | 75.1 GPM @ 1275 RPM | 0.0589 | 2.750 | 3 | 2.75 | |
| L12 | L1214 | 2,500 | 30.5 GPM @ 325 RPM | 37.5 GPM @ 400 RPM | 0.0937 | 1.750 | 3 | 3.00 | |
| 49/61 HP | L1218 | 1,500 | 50.3 GPM @ 325 RPM | 62.0 GPM @ 400 RPM | 0.1549 | 2.250 | 3 | 3.00 | |
| | L1222 | 1,000 | 75.2 GPM @ 325 RPM | 92.6 GPM @ 400 RPM | 0.2314 | 2.750 | 3 | 3.00 | |
| | M1207 | 10,000 | 9.4 GPM @ 400 RPM | 11.7 GPM @ 500 RPM | 0.0234 | 0.875 | 3 | 3.00 | |
| | M1208 | 7,600 | 12.2 GPM @ 400 RPM | 15.3 GPM @ 500 RPM | 0.0306 | 1.000 | 3 | 3.00 | |
| | M1210 | 4,900 | 19.1 GPM @ 400 RPM | 23.9 GPM @ 500 RPM | 0.0478 | 1.250 | 3 | 3.00 | |
| | M1212 | 3,400 | 27.5 GPM @ 400 RPM | 34.4 GPM @ 500 RPM | 0.0688 | 1.500 | 3 | 3.00 | |
| M12 | M1214 | 2,500 | 37.5 GPM @ 400 RPM | 46.9 GPM @ 500 RPM | 0.0937 | 1.750 | 3 | 3.00 | |
| 62/77 HP | M1216 | 1,900 | 49.0 GPM @ 400 RPM | 61.2 GPM @ 500 RPM | 0.1224 | 2.000 | 3 | 3.00 | |
| | M1218 | 1,500 | 62.0 GPM @ 400 RPM | 77.5 GPM @ 500 RPM | 0.1549 | 2.250 | 3 | 3.00 | |
| | M1220 | 1,250 | 76.5 GPM @ 400 RPM | 95.6 GPM @ 500 RPM | 0.1912 | 2.500 | 3 | 3.00 | |
| | M1222 | 1,000 | 92.6 GPM @ 400 RPM | 115.7 GPM @ 500 RPM | 0.2314 | 2.750 | 3 | 3.00 | |
| | M1224 | 850 | 110.2 GPM @ 400 RPM | 137.7 GPM @ 500 RPM | 0.2754 | 3.000 | 3 | 3.00 | |
| | L1614 | 2,500 | 34.9 GPM @ 1100 RPM | 46.0 GPM @ 1450 RPM | 0.0317 | 1.750 | 3 | 4.00 | |
| L16 | L1616 | 2,100 | 45.5 GPM @ 1100 RPM | 60.0 GPM @ 1450 RPM | 0.0414 | 2.000 | 3 | 4.00 | |
| 66/87 HP | L1618 | 1,650 | 57.6 GPM @ 1100 RPM | 76.0 GPM @ 1450 RPM | 0.0524 | 2.250 | 3 | 4.00 | |
| | L1622 | 1,100 | 86.1 GPM @ 1100 RPM | 113.5 GPM @ 1450 RPM | 0.0783 | 2.750 | 3 | 4.00 | |
| | M1408 | 10,000 | 13.4 GPM @ 375 RPM | 15.5 GPM @ 425 RPM | 0.0357 | 1.000 | 3 | 3.50 | |
| | M1410 | 6,500 | 20.9 GPM @ 375 RPM | 23.7 GPM @ 425 RPM | 0.0558 | 1.250 | 3 | 3.50 | |
| | M1412 | 4,500 | 30.1 GPM @ 375 RPM | 34.1 GPM @ 425 RPM | 0.0803 | 1.500 | 3 | 3.50 | |
| | M1414 | 3,300 | 41.0 GPM @ 375 RPM | 46.5 GPM @ 425 RPM | 0.1093 | 1.750 | 3 | 3.50 | |
| | M1416 | 2,500 | 53.6 GPM @ 375 RPM | 60.7 GPM @ 425 RPM | 0.1428 | 2.000 | 3 | 3.50 | |
| M14 | M1418 | 2,000 | 67.8 GPM @ 375 RPM | 76.8 GPM @ 425 RPM | 0.1807 | 2.250 | 3 | 3.50 | |
| 88/104 HP | M1420 | 1,600 | 83.7 GPM @ 375 RPM | 94.8 GPM @ 425 RPM | 0.2231 | 2.580 | 3 | 3.50 | |
| | M1422 | 1,350 | 101.3 GPM @ 375 RPM | 114.8 GPM @ 425 RPM | 0.2700 | 2.750 | 3 | 3.50 | |
| | M1424 | 1,150 | 120.5 GPM @ 375 RPM | 136.6 GPM @ 425 RPM | 0.3213 | 3.000 | 3 | 3.50 | |
| | M1426 | 1,000 | 141.4 GPM @ 375 RPM | 160.3 GPM @ 425 RPM | 0.3771 | 3.250 | 3 | 3.50 | |
| | M1428 | 825 | 164.0 GPM @ 375 RPM | 185.9 GPM @ 425 RPM | 0.4373 | 3.500 | 3 | 3.50 | |
| | M1430 | 725 | 188.3 GPM @ 375 RPM | 213.4 GPM @ 425 RPM | 0.5020 | 3.750 | 3 | 3.50 | |
| | M1609 | 10,000 | 18.1 GPM @ 350 RPM | 21.9 GPM @ 425 RPM | 0.0516 | 1.125 | 3 | 4.00 | |
| | M1610 | 8,000 | 22.3 GPM @ 350 RPM | 27.1 GPM @ 425 RPM | 0.0637 | 1.250 | 3 | 4.00 | |
| | M1612 | 5,500 | 32.1 GPM @ 350 RPM | 39.0 GPM @ 425 RPM | 0.0918 | 1.500 | 3 | 4.00 | |
| | M1614 | 4,065 | 43.7 GPM @ 350 RPM | 53.1 GPM @ 425 RPM | 0.1249 | 1.750 | 3 | 4.00 | |
| | M1616 | 3,115 | 57.1 GPM @ 350 RPM | 69.4 GPM @ 425 RPM | 0.1632 | 2.000 | 3 | 4.00 | |
| | M1618 | 2,460 | 72.3 GPM @ 350 RPM | 87.8 GPM @ 425 RPM | 0.2065 | 2.250 | 3 | 4.00 | |
| M16 | M1620 | 1,990 | 89.3 GPM @ 350 RPM | 108.4 GPM @ 425 RPM | 0.2550 | 2.500 | 3 | 4.00 | |
| 117/142 HP | M1622 | 1,650 | 108.0 GPM @ 350 RPM | 131.1 GPM @ 425 RPM | 0.3085 | 2.750 | 3 | 4.00 | |
| | M1624 | 1,385 | 128.5 GPM @ 350 RPM | 156.1 GPM @ 425 RPM | 0.3672 | 3.000 | 3 | 4.00 | |
| | M1626 | 1,180 | 150.8 GPM @ 350 RPM | 183.1 GPM @ 425 RPM | 0.4309 | 3.250 | 3 | 4.00 | |
| | M1628 | 1,015 | 174.9 GPM @ 350 RPM | 212.4 GPM @ 425 RPM | 0.4998 | 3.500 | 3 | 4.00 | |
| | M1630 | 885 | 200.8 GPM @ 350 RPM | 243.8 GPM @ 425 RPM | 0.5737 | 3.750 | 3 | 4.00 | |
| | M1632 | 775 | 228.5 GPM @ 350 RPM | 277.4 GPM @ 425 RPM | 0.6528 | 4.000 | 3 | 4.00 | |
| | M1634 | 650 | 257.9 GPM @ 350 RPM | 313.2 GPM @ 425 RPM | 0.7369 | 4.250 | 3 | 4.00 | |
| | M1636 | 570 | 289.2 GPM @ 350 RPM | 351.1 GPM @ 425 RPM | 0.8262 | 4.500 | 3 | 4.00 | |

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| | 460 | PISTON | 32.5 | 17.0 | 14.5 | 85% | | | | • | • | | | |
| | 460 | PISTON | 32.5 | 17.0 | 14.5 | 85% | • | • | | • | • | | | |
| | 460 | PISTON | 23.5 | 17.0 | 14.5 | 85% | • | • | | • | • | | | |
| | 475 | PISTON | 34.0 | 20.0 | 13.0 | 90% | | | | • | • | | | |
| | 475 | PISTON | 34.0 | 20.0 | 13.0 | 90% | • | • | | • | • | | | |
| | 475 | PISTON | 34.0 | 20.0 | 13.0 | 90% | • | • | | • | • | | | |
| | 950 | PLUNGER | 37.5 | 22.0 | 20.5 | 90% | | | | • | • | • | • | |
| | 950 | PLUNGER | 37.5 | 22.0 | 20.5 | 90% | | | | • | • | • | • | |
| | 950 | PLUNGER | 37.5 | 22.0 | 20.5 | 90% | | | | • | • | • | • | |
| | 950 | PLUNGER | 37.5 | 22.0 | 20.5 | 90% | • | | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 950 | BOTH | 37.5 | 22.0 | 20.5 | 90% | • | • | • | • | • | • | • | |
| | 705 | PISTON | 38.5 | 18.0 | 15.5 | 85% | • | | | • | • | | | |
| | 705 | PISTON | 38.5 | 18.0 | 15.5 | 85% | • | • | | • | • | | | |
| | 705 | PISTON | 38.5 | 18.0 | 15.5 | 85% | • | • | | • | • | | | |
| | 705 | PISTON | 38.5 | 18.0 | 15.5 | 85% | • | • | | • | • | | | |
| | 1,800 | PLUNGER | 44.0 | 24.0 | 22.0 | 90% | | | | • | • | • | • | |
| | 1,800 | PLUNGER | 44.0 | 24.0 | 22.0 | 90% | | | | • | • | • | • | |
| | 1,800 | PLUNGER | 44.0 | 24.0 | 22.0 | 90% | | | | • | • | • | • | |
| | 1,800 | PLUNGER | 44.0 | 24.0 | 22.0 | 90% | • | | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | + | • | • | + | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 1,800 | BOTH | 44.0 | 24.0 | 22.0 | 90% | • | • | • | • | • | • | • | |
| | 2,400 | PLUNGER | 53.5 | 29.0 | 26.0 | 90% | | | | • | • | • | • | |
| | 2,400 | PLUNGER | 53.5 | 29.0 | 26.0 | 90% | | | | • | • | • | • | |
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| | 2,400 | PLUNGER | 53.5 | 29.0 | 26.0 | 90% | • | | • | • | • | • | • | |
| | 2,400 | BOTH | 53.5 | 29.0 | 26.0 | 90% | • | • | • | • | • | • | • | |
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| | 2,400 | BOTH | 53.5 | 29.0 | 26.0 | 90% | • | • | • | • | • | • | • | |
| | 2,400 | BOTH | 53.5 | 29.0 | 26.0 | 90% | • | • | • | ♦ | • | ♦ | ♦ | |
| | 2,400 | BOTH | 53.5 | 29.0 | 26.0 | 90% | • | • | • | ♦ ▲ | • | ♦ ▲ | • | |
| | 2,400 | BOTH | 53.5 | 29.0 | 26.0 | 90% | • | • | • | ♦ | • | ♦ ▲ | ♦ ▲ | |
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150 – 265 HP Pump Specifications

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| (| M1810 | 9,800 | 23.7 GPM @ 330 RPM | 28.7 GPM @ 400 RPM | 0.0717 | 1.250 | 3 | 4.50 | |
| | M1812 | 6,800 | 34.1 GPM @ 330 RPM | 41.3 GPM @ 400 RPM | 0.1033 | 1.500 | 3 | 4.50 | |
| | M1814 | 5,000 | 46.4 GPM @ 330 RPM | 56.2 GPM @ 400 RPM | 0.1406 | 1.750 | 3 | 4.50 | |
| | M1816 | 3,800 | 60.6 GPM @ 330 RPM | 73.4 GPM @ 400 RPM | 0.1836 | 2.000 | 3 | 4.50 | |
| | M1818 | 3,000 | 76.7 GPM @ 330 RPM | 93.0 GPM @ 400 RPM | 0.2324 | 2.250 | 3 | 4.50 | |
| | M1820 | 2,400 | 94.7 GPM @ 330 RPM | 114.8 GPM @ 400 RPM | 0.2869 | 2.500 | 3 | 4.50 | |
| M18 | M1822 | 2,000 | 114.5 GPM @ 330 RPM | 138.8 GPM @ 400 RPM | 0.3471 | 2.750 | 3 | 4.50 | |
| 150/190 HP | M1824 | 1,700 | 136.3 GPM @ 330 RPM | 165.2 GPM @ 400 RPM | 0.4131 | 3.000 | 3 | 4.50 | |
| | M1826 | 1,400 | 160.0 GPM @ 330 RPM | 193.9 GPM @ 400 RPM | 0.4848 | 3.250 | 3 | 4.50 | |
| | M1828 | 1,200 | 185.6 GPM @ 330 RPM | 224.9 GPM @ 400 RPM | 0.5623 | 3.500 | 3 | 4.50 | |
| | M1830 | 1,100 | 213.0 GPM @ 330 RPM | 258.2 GPM @ 400 RPM | 0.6455 | 3.750 | 3 | 4.50 | |
| | M1832 | 1,000 | 242.4 GPM @ 330 RPM | 293.8 GPM @ 400 RPM | 0.7344 | 4.000 | 3 | 4.50 | |
| | M1834 | 800 | 273.6 GPM @ 330 RPM | 331.6 GPM @ 400 RPM | 0.8291 | 4.250 | 3 | 4.50 | |
| | M1836 | 750 | 306.7 GPM @ 330 RPM | 371.8 GPM @ 400 RPM | 0.9295 | 4.500 | 3 | 4.50 | |
| | Q1609 | 10,000 | 30.1 GPM @ 350 RPM | 36.6 GPM @ 425 RPM | 0.0861 | 1.125 | 5 | 4.00 | |
| | Q1610 | 8,150 | 37.2 GPM @ 350 RPM | 45.1 GPM @ 425 RPM | 0.1062 | 1.250 | 5 | 4.00 | |
| | Q1612 | 5,650 | 53.6 GPM @ 350 RPM | 65.0 GPM @ 425 RPM | 0.1530 | 1.500 | 5 | 4.00 | |
| | Q1614 | 4,160 | 72.9 GPM @ 350 RPM | 88.5 GPM @ 425 RPM | 0.2082 | 1.750 | 5 | 4.00 | |
| | Q1616 | 3,190 | 95.2 GPM @ 350 RPM | 115.6 GPM @ 425 RPM | 0.2720 | 2.000 | 5 | 4.00 | |
| | Q1618 | 2,520 | 120.5 GPM @ 350 RPM | 146.3 GPM @ 425 RPM | 0.3442 | 2.250 | 5 | 4.00 | |
| Q16 | Q1620 | 2,040 | 148.8 GPM @ 350 RPM | 180.6 GPM @ 425 RPM | 0.4250 | 2.500 | 5 | 4.00 | |
| 198/240 HP | Q1622 | 1,690 | 180.0 GPM @ 350 RPM | 281.5 GPM @ 425 RPM | 0.5142 | 2.750 | 5 | 4.00 | |
| | Q1624 | 1,420 | 214.2 GPM @ 350 RPM | 260.1 GPM @ 425 RPM | 0.6120 | 3.000 | 5 | 4.00 | |
| | Q1626 | 1,210 | 251.4 GPM @ 350 RPM | 260.1 GPM @ 425 RPM | 0.6120 | 3.000 | 5 | 4.00 | |
| | Q1628 | 1,040 | 291.6 GPM @ 350 RPM | 354.0 GPM @ 425 RPM | 0.8330 | 3.500 | 5 | 4.00 | |
| | Q1630 | 910 | 334.7 GPM @ 350 RPM | 406.4 GPM @ 425 RPM | 0.9562 | 3.750 | 5 | 4.00 | |
| | Q1632 | 800 | 380.8 GPM @ 350 RPM | 462.4 GPM @ 425 RPM | 1.0880 | 4.00 | 5 | 4.00 | |
| | Q1634 | 710 | 429.9 GPM @ 350 RPM | 522.0 GPM @ 425 RPM | 1.2282 | 4.250 | 5 | 4.00 | |
| | Q1636 | 630 | 482.0 GPM @ 350 RPM | 585.2 GPM @ 425 RPM | 1.3770 | 4.500 | 5 | 4.00 | |
| | Q1811 | 8,400 | 47.7 GPM @ 330 RPM | 57.8 GPM @ 400 RPM | 0.1446 | 1.375 | 5 | 4.50 | |
| | Q1812 | 7,100 | 56.8 GPM @ 330 RPM | 68.8 GPM @ 400 RPM | 0.1721 | 1.500 | 5 | 4.50 | |
| | Q1814 | 5,200 | 77.3 GPM @ 330 RPM | 93.7 GPM @ 400 RPM | 0.2343 | 1.750 | 5 | 4.50 | |
| | Q1816 | 4,000 | 101.0 GPM @ 330 RPM | 122.4 GPM @ 400 RPM | 0.3060 | 2.000 | 5 | 4.50 | |
| | Q1818 | 3,100 | 127.8 GPM @ 330 RPM | 154.9 GPM @ 400 RPM | 0.3872 | 2.250 | 5 | 4.50 | |
| | Q1820 | 2,500 | 157.8 GPM @ 330 RPM | 191.2 GPM @ 400 RPM | 0.4781 | 2.500 | 5 | 4.50 | |
| Q18 | Q1822 | 2,100 | 190.9 GPM @ 330 RPM | 231.4 GPM @ 400 RPM | 0.5785 | 2.750 | 5 | 4.50 | |
| 265/325 HP | Q1824 | 1,800 | 227.2 GPM @ 330 RPM | 275.4 GPM @ 400 RPM | 0.6885 | 3.000 | 5 | 4.50 | |
| | Q1826 | 1,500 | 266.6 GPM @ 330 RPM | 323.2 GPM @ 400 RPM | 0.8080 | 3.250 | 5 | 4.50 | |
| | Q1828 | 1,300 | 309.2 GPM @ 330 RPM | 374.8 GPM @ 400 RPM | 0.9371 | 3.500 | 5 | 4.50 | |
| | Q1830 | 1,100 | 355.0 GPM @ 330 RPM | 430.3 GPM @ 400 RPM | 1.0758 | 3.750 | 5 | 4.50 | |
| | Q1832 | 1,000 | 403.9 GPM @ 330 RPM | 489.6 GPM @ 400 RPM | 1.2240 | 4.000 | 5 | 4.50 | |
| | Q1834 | 900 | 456.0 GPM @ 330 RPM | 552.7 GPM @ 400 RPM | 1.3818 | 4.250 | 5 | 4.50 | |
| | Q1836 | 800 | 511.2 GPM @ 330 RPM | 619.6 GPM @ 400 RPM | 1.5491 | 4.500 | 5 | 4.50 | |

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| | 4,500 | PLUNGER | 53.5 | 52.0 | 27.0 | 90% | | | | ◆◆ | • | ♦♦ | • | |
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| | 4,500 | PLUNGER | 53.5 | 52.0 | 27.0 | 90% | | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
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| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
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| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | + | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |
| | 4,500 | BOTH | 53.5 | 52.0 | 27.0 | 90% | • | • | • | • | • | • | • | |

350 – 650 HP Pump Specifications

| And And <th>350 0</th> <th>550 111</th> <th>1 un</th> <th>ip opeemean</th> <th>0115</th> <th></th> <th></th> <th></th> <th></th> <th></th> | 350 0 | 550 111 | 1 un | ip opeemean | 0115 | | | | | |
|---|-------------|---------|---------|-----------------------|--|-----------------|-------|--------|------------|-----------|
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | | | / | / / | / | | | 1.0 | / | / |
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | | | | asil ut | the state of the s | ⁱ cl | | willo. | | ers/ |
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | | | | ell 50t | mil | | a er | | r lin' win | ×/ |
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | | ries | | essuit auou | oitte | | erte | net | » / چ / | |
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | 5 | | | A Pre ontilicity | tern city | | nsp | Dian | wer ye | (III.) |
| Maßiz 10.000 3§5 CPM @ 240 RPM 4§3.2 CPM @ 300 RPM 0.2167 1.750 3 7.00 M2814 10.000 52.5 CPM @ 240 RPM 85,7 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2816 7.90 66.5 CPM @ 240 RPM 155 CPM @ 300 RPM 0.2856 2.000 3 7.00 M2810 5.100 1071 CPM @ 240 RPM 1185 CPM @ 300 RPM 0.4462 2.500 3 7.00 M2822 4.200 129.6 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3.540 154.2 CPM @ 240 RPM 192.8 CPM @ 300 RPM 0.5742 3.290 3 7.00 M2825 2.600 20.9 GPM @ 240 RPM 301.2 CPM @ 300 RPM 0.5746 3500 3 7.00 M2824 1.990 274.2 CPM @ 240 RPM 391.2 CPM @ 300 RPM 1.0414 4.000 3 7.00 M2834 1.760 30.95 CPM @ 240 RPM 392.7 CPM @ 300 RPM 1.4544 4.50 3 7.00 | ount | Mode | 2 at | et Co Ros | In apar | (a) | | | unt strok | |
| M281 10,000 52.5 GPM @ 240 RPM 65.6 GPM @ 100 RPM 0.2187 1.750 3 7.00 M8816 7,960 68.5 GPM @ 240 RPM 85.7 GPM @ 100 RPM 0.3157 2.250 3 7.00 M2810 5,100 107.1 GPM @ 240 RPM 133.9 GPM @ 300 RPM 0.4462 2.500 3 7.00 M2820 5,100 107.1 GPM @ 240 RPM 162.0 GPM @ 300 RPM 0.4462 2.500 3 7.00 M2824 4,200 129.6 GPM @ 240 RPM 122.63 GPM @ 300 RPM 0.4462 3.500 3 7.00 M2824 2,400 2,100 RPM @ 240 RPM 22.64 GPM @ 300 RPM 1.0741 3.750 3 7.00 M2839 2,400 2,10 CPM @ 240 RPM 342.7 GPM @ 300 RPM 1.1424 4.000 3 7.00 M2834 1,760 30.9 GPM @ 240 RPM 336.9 GPM @ 300 RPM 1.4867 4.250 3 7.00 M2843 1,760 30.9 GPM @ 240 RPM 336.9 GPM @ 300 RPM 1.4867 3.700 1 38.9 GPM 3 | × | | | <u> </u> | | \angle | | | | \square |
| M2816 7.960 68.5 GPM (@. 240 RPM 85.7 GPM (@. 300 RPM 0.2856 2.000 3 7.90 Ma818 6.300 86.8 GPM (@. 240 RPM 108.5 GPM (@. 300 RPM 0.4462 2.500 3 7.90 Ma820 5.100 107.1 GPM (@. 240 RPM 119.26 GPM (@. 300 RPM 0.5400 2.750 3 7.90 Ma824 3.540 154.2 GPM (@. 240 RPM 192.8 GPM (@. 300 RPM 0.5420 3.700 1 Ma836 3.015 181.0 GPM (@. 240 RPM 122.8 GPM (@. 300 RPM 0.5420 3 7.00 Ma836 2.600 20.99 GPM (@. 240 RPM 262.4 GPM (@. 300 RPM 0.8746 3500 3 7.00 Ma837 1.900 274.2 GPM (@. 240 RPM 30.12 GPM (@. 300 RPM 1.4874 4.500 3 7.00 Ma838 1.600 347.0 GPM (@. 240 RPM 347.0 GPM (@. 300 RPM 1.4897 4.250 3 7.00 Ma834 1.700 347.0 GPM (@. 240 RPM 355.0 GPM (@. 300 RPM 1.4897 4.250 3 7.00 | (| | 10,000 | | 1 05 | | 1.500 | 3 | 7.00 | |
| M2818 6.300 86.8 GPM @ 240 RPM 108.5 GPM @ 300 RPM 0.3015 2.250 3 7.00 M2822 4.200 129.0 GPM @ 240 RPM 133.9 GPM @ 300 RPM 0.446 2.500 3 7.00 M2822 4.200 129.0 GFM @ 240 RPM 192.8 GPM @ 300 RPM 0.6426 3.000 3 7.00 M2842 3.540 154.2 GPM @ 240 RPM 1263.3 GPM @ 300 RPM 0.6742 3.250 3 7.00 M2828 2.600 2099 GFM @ 240 RPM 262.4 GPM @ 300 RPM 1.041 3.750 3 7.00 M2830 2.460 241.0 GPM @ 240 RPM 386.9 GFM @ 300 RPM 1.041 3.750 3 7.00 M2834 1.760 309.5 GFM @ 240 RPM 386.9 GFM @ 300 RPM 1.041 3.750 3 7.00 M2836 1.400 386.6 GFM @ 240 RPM 433.7 GFM @ 300 RPM 1.455 5.50 3 7.00 M2841 1.050 515.4 GFM @ 240 RPM 433.7 GFM @ 300 RPM 1.455 5.700 3 7.00 | | | 10,000 | | , <u>,</u> | · · · | 1.750 | 3 | 7.00 | |
| Ma8ac Siloo 107.1 GPM @ 440 RPM 133.9 GPM @ 300 RPM 0.446 2.500 3 7.00 Ma8z2 4.200 129.6 GPM @ 440 RPM 162.0 GPM @ 300 RPM 0.6440 3.000 3 7.00 Ma8z4 3.540 154.2 GPM @ 440 RPM 192.8 GPM @ 300 RPM 0.6440 3.000 3 7.00 Ma8z4 3.015 181.0 GPM @ 440 RPM 226.3 GPM @ 300 RPM 0.7542 3.250 3 7.00 Ma8z6 2.060 209.9 GPM @ 240 RPM 301.2 GPM @ 300 RPM 0.6744 3.500 3 7.00 Ma83a 1.990 27.42 GPM @ 240 RPM 301.2 GPM @ 300 RPM 1.041 37.50 3 7.00 Ma83a 1.990 27.42 GPM @ 240 RPM 432.7 GPM @ 300 RPM 1.1424 4.000 3 7.00 Ma83a 1.490 366 GPM @ 240 RPM 433.7 GPM @ 300 RPM 1.6110 4.750 3 7.00 Ma84a 1.490 366 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1.6110 4.750 3 7.00 <tr< td=""><td></td><td></td><td>7,960</td><td></td><td>5, 85</td><td>-</td><td>2.000</td><td>3</td><td>7.00</td><td></td></tr<> | | | 7,960 | | 5, 85 | - | 2.000 | 3 | 7.00 | |
| M2822 4.200 1996 GPM @ 240 RPM 162.0 GPM @ 300 RPM 0.5400 2.750 3 7.00 M2824 3540 154.2 GPM @ 240 RPM 192.8 GPM @ 300 RPM 0.6426 3.000 3 7.00 M2826 3.015 181.0 GPM @ 240 RPM 202.4 GPM @ 300 RPM 0.6426 3.000 3 7.00 M2828 2.600 2.999 GPM @ 240 RPM 202.4 GPM @ 300 RPM 0.0512 3 7.00 M2839 2.260 241.0 GPM @ 240 RPM 301.2 GPM @ 300 RPM 1.0241 3.700 3 7.00 M2831 1.960 3.095 GPM @ 240 RPM 342.7 GPM @ 300 RPM 1.1244 4.000 3 7.00 M2836 1.400 386.6 GPM @ 240 RPM 3355 GPM @ 300 RPM 1.1245 4.250 3 7.00 M2848 1.400 386.6 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.4458 4.500 3 7.00 M2844 1.055 514.4 GPM @ 240 RPM 590.4 GPM @ 300 RPM 2.198 5.500 3 7.00 M2848 </td <td></td> <td></td> <td>6,300</td> <td>86.8 GPM @ 240 RPM</td> <td>108.5 GPM @ 300 RPM</td> <td>0.3615</td> <td>2.250</td> <td>3</td> <td>7.00</td> <td></td> | | | 6,300 | 86.8 GPM @ 240 RPM | 108.5 GPM @ 300 RPM | 0.3615 | 2.250 | 3 | 7.00 | |
| M2824 3,540 154.2 GPM @ 240 RPM 192.8 GPM @ 300 RPM 0.642.6 3.000 3 7.00 M2826 3,015 181.0 GPM @ 240 RPM 226.3 GPM @ 300 RPM 0.7542 3.250 3 7.00 M2828 2,600 20.90 GPM @ 240 RPM 216.2 GPM @ 300 RPM 10.041 3.700 3 7.00 M2830 2,260 24.10 GPM @ 240 RPM 30.12 GPM @ 300 RPM 1.041 3.700 3 7.00 M2831 1.900 274.2 GPM @ 240 RPM 342.7 GPM @ 300 RPM 1.444 4.000 3 7.00 M2834 1.700 309.5 GPM @ 240 RPM 383.7 GPM @ 300 RPM 1.445 4.250 3 7.00 M2838 1.400 386.6 GPM @ 240 RPM 483.3 GPM @ 300 RPM 1.6110 4.750 3 7.00 M2840 1.255 472.3 GPM @ 240 RPM 595.5 GPM @ 300 RPM 1.7850 5.500 3 7.00 M2846 960 5666 GPM @ 240 RPM 70.1 GPM @ 300 RPM 2.570 5 7.00 M2848 | | M2820 | 5,100 | 107.1 GPM @ 240 RPM | 133.9 GPM @ 300 RPM | 0.4462 | 2.500 | 3 | 7.00 | |
| Mass Mass <th< td=""><td></td><td>M2822</td><td>4,200</td><td>129.6 GPM @ 240 RPM</td><td>162.0 GPM @ 300 RPM</td><td>0.5400</td><td>2.750</td><td>3</td><td>7.00</td><td></td></th<> | | M2822 | 4,200 | 129.6 GPM @ 240 RPM | 162.0 GPM @ 300 RPM | 0.5400 | 2.750 | 3 | 7.00 | |
| M28 M2828 2,600 209,9 GPM @ 240 RPM 262,4 GPM @ 300 RPM 0.8746 3,500 3 7,00 M2830 2,260 241.0 GPM @ 240 RPM 301.2 GPM @ 300 RPM 1.041 3,750 3 7,00 M2832 1.990 274.2 GPM @ 240 RPM 342.7 GPM @ 300 RPM 1.1424 4.000 3 7,00 M2834 1.760 309,5 GPM @ 240 RPM 343.7 GPM @ 300 RPM 1.1424 4.000 3 7,00 M2836 1.570 347.0 GPM @ 240 RPM 386.9 GPM @ 300 RPM 1.6110 4.750 3 7,00 M2844 1.025 428.4 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1.9680 5.250 3 7,00 M2844 1.050 518.4 GPM @ 240 RPM 50.4 GPM @ 300 RPM 2.3607 5,750 3 7,00 M2844 1.050 518.4 GPM @ 240 RPM 79.16 GPM @ 300 RPM 2.3607 5,750 3 7,00 M2846 960 566.6 GPM @ 240 RPM 79.16 GPM @ 300 RPM 2.3607 5,700 2.3607 <td< td=""><td></td><td>M2824</td><td>3,540</td><td></td><td>192.8 GPM @ 300 RPM</td><td>0.6426</td><td>3.000</td><td>3</td><td>7.00</td><td></td></td<> | | M2824 | 3,540 | | 192.8 GPM @ 300 RPM | 0.6426 | 3.000 | 3 | 7.00 | |
| M28 350/440 HP M2830 2,260 241.0 GPM @ 240 RPM 301.2 GPM @ 300 RPM 1.0041 3.750 3 7.00 M2832 1.990 274.2 GPM @ 240 RPM 342.7 GPM @ 300 RPM 1.1424 4.000 3 7.00 1 M2834 1.760 309.5 GPM @ 240 RPM 386.9 GPM @ 300 RPM 1.2897 4.250 3 7.00 1 M2834 1.760 384.0 GPM @ 240 RPM 483.7 GPM @ 300 RPM 1.6110 4.750 3 7.00 1 M2840 1.275 488.4 GPM @ 240 RPM 483.7 GPM @ 300 RPM 1.9650 5.250 3 7.00 1 M2842 1.155 472.3 GPM @ 240 RPM 647.9 GPM @ 300 RPM 2.1595 5.500 3 7.00 1 M2844 1.050 518.4 GPM @ 240 RPM 798.2 GPM @ 300 RPM 2.1595 5.500 3 7.00 1 M2850 815 669.4 GPM @ 240 RPM 793.1 GPM @ 300 RPM 2.1595 5.500 3 7.00 Q2816 8.750 114.2 GPM @ 240 R | | M2826 | 3,015 | 181.0 GPM @ 240 RPM | | 0.7542 | 3.250 | 3 | 7.00 | |
| 350/440 HP M2832 1.990 274.2 CPM @ 240 RPM 342.7 GPM @ 300 RPM 1.1424 4.000 3 7.00 M2834 1.760 309.5 GPM @ 240 RPM 386.9 GPM @ 300 RPM 1.2897 4.250 3 7.00 M2836 1.570 347.0 GPM @ 240 RPM 433.7 GPM @ 300 RPM 1.6110 4.750 3 7.00 M2838 1.400 386.6 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1.6110 4.750 3 7.00 M2844 1.055 518.4 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.9680 5.250 3 7.00 M2844 1.050 518.4 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2844 1.050 518.4 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.2574 6.000 3 7.00 M2845 880 616.9 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1750 5 7.00 M2850 815 669.4 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.3644 1750 5 <td< td=""><td></td><td>M2828</td><td>2,600</td><td>209.9 GPM @ 240 RPM</td><td>262.4 GPM @ 300 RPM</td><td>0.8746</td><td>3.500</td><td>3</td><td>7.00</td><td></td></td<> | | M2828 | 2,600 | 209.9 GPM @ 240 RPM | 262.4 GPM @ 300 RPM | 0.8746 | 3.500 | 3 | 7.00 | |
| M2834 1760 399.5 GPM @ 240 RPM 386.9 GPM @ 300 RPM 1.2897 4.250 3 7.00 M2836 1.570 347.0 GPM @ 240 RPM 433.7 GPM @ 300 RPM 1.4455 4.500 3 7.00 M2838 1.400 386.6 GPM @ 240 RPM 433.7 GPM @ 300 RPM 1.6110 4.750 3 7.00 M2840 1.275 428.4 GPM @ 240 RPM 595.5 GPM @ 300 RPM 1.9680 5.250 3 7.00 M2842 1.155 472.3 GPM @ 240 RPM 595.5 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2844 1.050 518.4 GPM @ 240 RPM 705.2 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2845 960 566.6 GPM @ 240 RPM 771.1 GPM @ 300 RPM 2.3504 6.000 3 7.00 M2848 880 616.9 GPM @ 240 RPM 142.8 GPM @ 300 RPM 2.3504 6.250 3 7.00 Q2814 10.000 87.5 GPM @ 240 RPM 163.0 GPM @ 300 RPM 0.3644 1.750 5 7.00 <t< td=""><td></td><td>M2830</td><td>2,260</td><td>241.0 GPM @ 240 RPM</td><td>301.2 GPM @ 300 RPM</td><td>1.0041</td><td>3.750</td><td>3</td><td>7.00</td><td></td></t<> | | M2830 | 2,260 | 241.0 GPM @ 240 RPM | 301.2 GPM @ 300 RPM | 1.0041 | 3.750 | 3 | 7.00 | |
| M2836 1,570 347.0 GPM @ 240 RPM 433.7 GPM @ 300 RPM 1.4458 4.500 3 7.00 M2838 1,400 386.6 GPM @ 240 RPM 483.3 GPM @ 300 RPM 1.6110 4.750 3 7.00 M2840 1,275 428.4 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1.7850 5.000 3 7.00 M2841 1.155 472.3 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.9680 5.250 3 7.00 M2844 1.055 518.4 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2846 960 566.6 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 103.00 RPM 0.3644 1750 5 7.00 Q2814 10.000 87.5 GPM @ 240 RPM 103.2 GPM @ 300 RPM 0.4764 2.250 5 7.00 Q2816 6.920 144.6 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.4743 2.500 5 7.00 | 350/440 HP | M2832 | 1,990 | 274.2 GPM @ 240 RPM | | 1.1424 | 4.000 | 3 | 7.00 | |
| M2838 1,400 386.6 GPM @ 240 RPM 483.3 GPM @ 300 RPM 1.6110 4.750 3. 7.00 M2840 1.275 428.4 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1.7850 5.000 3. 7.00 M2842 1.155 472.3 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.9680 5.250 3. 7.00 M2844 1.050 5184.4 GPM @ 240 RPM 7082.6 GPM @ 300 RPM 2.1598 5.500 3. 7.00 1. M2846 960 566.6 GPM @ 240 RPM 7082.6 GPM @ 300 RPM 2.3607 5.750 3. 7.00 1. M2848 880 616.9 GPM @ 240 RPM 7082.6 GPM @ 300 RPM 2.3607 5.750 3. 7.00 1. M2841 10,000 875 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5. 7.00 1. Q2816 6,920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.3644 1.750 5. 7.00 1. Q2818 6,920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 R | | M2834 | 1,760 | 309.5 GPM @ 240 RPM | 386.9 GPM @ 300 RPM | 1.2897 | 4.250 | 3 | 7.00 | |
| M2840 1,275 428.4 GPM @ 240 RPM 535.5 GPM @ 300 RPM 1,7850 5.000 3 7.00 M2842 1,155 472.3 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.9680 5.250 3 7.00 M2844 1.050 518.4 GPM @ 240 RPM 647.9 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2846 960 566.6 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5 7.00 Q2816 8.750 114.2 GPM @ 240 RPM 128.6 GPM @ 300 RPM 0.4624 2.250 5 7.00 Q2820 5.600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.4760 2.500 5 7.00 | | M2836 | 1,570 | 347.0 GPM @ 240 RPM | 433.7 GPM @ 300 RPM | 1.4458 | 4.500 | 3 | 7.00 | |
| M2842 1.155 472.3 GPM @ 240 RPM 590.4 GPM @ 300 RPM 1.9680 5.250 3 7.00 M2844 1.050 518.4 GPM @ 240 RPM 647.9 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2846 960 566.6 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 771.1 GPM @ 300 RPM 2.5704 6.000 3 7.00 10 M2850 815 669.4 GPM @ 240 RPM 109.3 GPM @ 300 RPM 2.4301 6.050 3 7.00 10 Q2814 10,000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.344 1.750 5 7.00 Q2816 8.750 114.2 GPM @ 240 RPM 182.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 10 Q2816 8.750 114.2 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.6024 2.250 5 7.00 10 Q2826 3.310 30.17 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 | | M2838 | 1,400 | 386.6 GPM @ 240 RPM | 483.3 GPM @ 300 RPM | 1.6110 | 4.750 | 3 | 7.00 | |
| M2844 1,050 518.4 GPM @ 240 RPM 647.9 GPM @ 300 RPM 2.1598 5.500 3 7.00 M2846 960 566.6 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 771.1 GPM @ 300 RPM 2.5704 6.000 3 7.00 M2850 815 669.4 GPM @ 240 RPM 836.7 GPM @ 300 RPM 0.370 4.1750 5 7.00 Q2814 10.000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.344 1.750 5 7.00 Q2818 6.920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2812 4.630 216.0 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2824 3.690 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 0.6171 3.000 5 7.00 Q2826 3.310 301.7 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 | | M2840 | 1,275 | 428.4 GPM @ 240 RPM | 535.5 GPM @ 300 RPM | 1.7850 | 5.000 | 3 | 7.00 | |
| M2846 960 566.6 GPM @ 240 RPM 708.2 GPM @ 300 RPM 2.3607 5.750 3 7.00 M2848 880 616.9 GPM @ 240 RPM 771.1 GPM @ 300 RPM 2.5704 6.000 3 7.00 M2850 815 669.4 GPM @ 240 RPM 836.7 GPM @ 300 RPM 2.7891 6.250 3 7.00 Q2814 10.000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5 7.00 Q2816 8.750 114.2 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.4760 2.000 5 7.00 Q2816 6.920 144.6 GPM @ 240 RPM 1223.1 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2820 5.600 178.5 GPM @ 240 RPM 321.3 GPM @ 300 RPM 0.7037 2.500 5 7.00 Q2820 5.600 178.5 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2824 3.890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.2569 3.250 5 7.00 <t< td=""><td></td><td>M2842</td><td>1,155</td><td>472.3 GPM @ 240 RPM</td><td>590.4 GPM @ 300 RPM</td><td>1.9680</td><td>5.250</td><td>3</td><td>7.00</td><td></td></t<> | | M2842 | 1,155 | 472.3 GPM @ 240 RPM | 590.4 GPM @ 300 RPM | 1.9680 | 5.250 | 3 | 7.00 | |
| M2848 880 616.9 GPM @ 240 RPM 771.1 GPM @ 300 RPM 2.570 6.000 3 7.00 M2850 815 669.4 GPM @ 240 RPM 836.7 GPM @ 300 RPM 2.7891 6.250 3 7.00 Q2814 10.000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5 7.00 Q2816 8.750 114.2 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.4760 2.000 5 7.00 Q2818 6.920 144.6 GPM @ 240 RPM 128.1 GPM @ 300 RPM 0.4760 2.000 5 7.00 Q2812 5,600 178.5 GPM @ 240 RPM 128.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2822 4,630 2160 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.4577 3.500 5 7.00 <tr< td=""><td></td><td>M2844</td><td>1,050</td><td>518.4 GPM @ 240 RPM</td><td>647.9 GPM @ 300 RPM</td><td>2.1598</td><td>5.500</td><td>3</td><td>7.00</td><td></td></tr<> | | M2844 | 1,050 | 518.4 GPM @ 240 RPM | 647.9 GPM @ 300 RPM | 2.1598 | 5.500 | 3 | 7.00 | |
| M2850 815 669.4 GPM @ 240 RPM 8367 GPM @ 300 RPM 2.7891 6.250 3 7.00 Q2814 10,000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5 7.00 Q2816 8,750 114.2 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.4760 2.000 5 7.00 Q2818 6,920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2820 5,600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2822 4,630 216.0 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2820 2,460 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 | | M2846 | 960 | 566.6 GPM @ 240 RPM | 708.2 GPM @ 300 RPM | 2.3607 | 5.750 | 3 | 7.00 | |
| Q2814 10,000 87.5 GPM @ 240 RPM 109.3 GPM @ 300 RPM 0.3644 1.750 5 7.00 Q2816 8.750 114.2 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.4760 2.000 5 7.00 1 Q2818 6.920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 1 Q2820 5.600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.6024 2.250 5 7.00 1 Q2822 4.630 216.0 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 1 Q2824 3.890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 1 Q2826 3.310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 1 Q2826 2.860 349.8 GPM @ 240 RPM 597.1 GPM @ 300 RPM 1.4577 3.500 5 7.00 1 Q28 2.860 349.8 GPM @ 240 RPM | | M2848 | 880 | 616.9 GPM @ 240 RPM | 771.1 GPM @ 300 RPM | 2.5704 | 6.000 | 3 | 7.00 | |
| Q2816 8,750 114.2 GPM @ 240 RPM 142.8 GPM @ 300 RPM 0.4760 2.000 5 7.00 Q2818 6,920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2820 5,600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2822 4,630 216.0 GPM @ 240 RPM 270.0 GPM @ 300 RPM 0.8999 2.750 5 7.00 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2828 2,860 349.8 GPM @ 240 RPM 437.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 | | M2850 | 815 | 669.4 GPM @ 240 RPM | 836.7 GPM @ 300 RPM | 2.7891 | 6.250 | 3 | 7.00 | |
| Q2818 6.920 144.6 GPM @ 240 RPM 180.7 GPM @ 300 RPM 0.6024 2.250 5 7.00 Q2820 5,600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2822 4,630 216.0 GPM @ 240 RPM 270.0 GPM @ 300 RPM 0.8999 2.750 5 7.00 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2828 2,860 349.8 GPM @ 240 RPM 437.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.4577 3.500 5 7.00 | | Q2814 | 10,000 | 87.5 GPM @ 240 RPM | 109.3 GPM @ 300 RPM | 0.3644 | 1.750 | 5 | 7.00 | |
| Q2820 5,600 178.5 GPM @ 240 RPM 223.1 GPM @ 300 RPM 0.7437 2.500 5 7.00 Q2822 4,630 216.0 GPM @ 240 RPM 270.0 GPM @ 300 RPM 0.8899 2.750 5 7.00 1 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7. | | Q2816 | 8,750 | 114.2 GPM @ 240 RPM | 142.8 GPM @ 300 RPM | 0.4760 | 2.000 | 5 | 7.00 | |
| Q282 4,630 216.0 GPM @ 240 RPM 270.0 GPM @ 300 RPM 0.899 2.750 5 7.00 Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2826 2,860 349.8 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 | | Q2818 | 6,920 | 144.6 GPM @ 240 RPM | 180.7 GPM @ 300 RPM | 0.6024 | 2.250 | 5 | 7.00 | |
| Q2824 3,890 257.0 GPM @ 240 RPM 321.3 GPM @ 300 RPM 1.0710 3.000 5 7.00 Q2826 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2828 2,860 349.8 GPM @ 240 RPM 437.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.940 4.000 5 7.00 Q2834 1.940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1.730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1.730 578.3 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2840 1.400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 | | Q2820 | 5,600 | 178.5 GPM @ 240 RPM | 223.1 GPM @ 300 RPM | 0.7437 | 2.500 | 5 | 7.00 | |
| Q282 3,310 301.7 GPM @ 240 RPM 377.1 GPM @ 300 RPM 1.2569 3.250 5 7.00 Q2828 2,860 349.8 GPM @ 240 RPM 437.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 892.5 GPM @ 300 RPM 3.2799 5.250 5 7.00 | | Q2822 | 4,630 | 216.0 GPM @ 240 RPM | 270.0 GPM @ 300 RPM | 0.8999 | 2.750 | 5 | 7.00 | |
| Q28 Q2828 2,860 349.8 GPM @ 240 RPM 437.3 GPM @ 300 RPM 1.4577 3.500 5 7.00 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.2799 5.250 5 <t< td=""><td></td><td>Q2824</td><td>3,890</td><td>257.0 GPM @ 240 RPM</td><td>321.3 GPM @ 300 RPM</td><td>1.0710</td><td>3.000</td><td>5</td><td>7.00</td><td></td></t<> | | Q2824 | 3,890 | 257.0 GPM @ 240 RPM | 321.3 GPM @ 300 RPM | 1.0710 | 3.000 | 5 | 7.00 | |
| Q28 Q2830 2,490 401.6 GPM @ 240 RPM 502.0 GPM @ 300 RPM 1.6734 1.750 5 7.00 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.9344 5.750 5 <t< td=""><td></td><td>Q2826</td><td>3,310</td><td>301.7 GPM @ 240 RPM</td><td>377.1 GPM @ 300 RPM</td><td>1.2569</td><td>3.250</td><td>5</td><td>7.00</td><td></td></t<> | | Q2826 | 3,310 | 301.7 GPM @ 240 RPM | 377.1 GPM @ 300 RPM | 1.2569 | 3.250 | 5 | 7.00 | |
| Q28 Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 | | Q2828 | 2,860 | 349.8 GPM @ 240 RPM | 437.3 GPM @ 300 RPM | 1.4577 | 3.500 | 5 | 7.00 | |
| 650/800 HP Q2832 2,190 457.0 GPM @ 240 RPM 571.2 GPM @ 300 RPM 1.9040 4.000 5 7.00 Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 3.9344 5.750 5 | | Q2830 | 2,490 | 401.6 GPM @ 240 RPM | 502.0 GPM @ 300 RPM | 1.6734 | 1.750 | 5 | 7.00 | |
| Q2834 1,940 515.9 GPM @ 240 RPM 644.8 GPM @ 300 RPM 2.1494 4.250 5 7.00 Q2836 1,730 578.3 GPM @ 240 RPM 722.9 GPM @ 300 RPM 2.4097 4.500 5 7.00 Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 3.9344 5.750 5 7.00 | | Q2832 | 2,190 | 457.0 GPM @ 240 RPM | 571.2 GPM @ 300 RPM | 1.9040 | 4.000 | 5 | 7.00 | |
| Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 3.9344 5.750 5 7.00 | 050/000 111 | Q2834 | 1,940 | 515.9 GPM @ 240 RPM | 644.8 GPM @ 300 RPM | 2.1494 | 4.250 | 5 | 7.00 | |
| Q2838 1,550 644.4 GPM @ 240 RPM 805.5 GPM @ 300 RPM 2.6849 4.750 5 7.00 Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | Q2836 | 1,730 | 578.3 GPM @ 240 RPM | 722.9 GPM @ 300 RPM | 2.4097 | 4.500 | 5 | 7.00 | |
| Q2840 1,400 714.0 GPM @ 240 RPM 892.5 GPM @ 300 RPM 2.9750 5.000 5 7.00 Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | Q2838 | | 644.4 GPM @ 240 RPM | 805.5 GPM @ 300 RPM | | 4.750 | | 7.00 | |
| Q2842 1,270 787.2 GPM @ 240 RPM 984.0 GPM @ 300 RPM 3.2799 5.250 5 7.00 Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | | | | | 2.9750 | | | 7.00 | |
| Q2844 1,160 863.9 GPM @ 240 RPM 1,079.9 GPM @ 300 RPM 3.5997 5.500 5 7.00 Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | - | | | |
| Q2846 1,060 944.3 GPM @ 240 RPM 1,180.3 GPM @ 300 RPM 3.9344 5.750 5 7.00 Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | | · · · · | | | | | | 7.00 | |
| Q2848 970 1,028.2 GPM @ 240 RPM 1,285.2 GPM @ 300 RPM 4.2840 6.000 5 7.00 | | | | | | | | | , | |
| | | | | | | | | | , | |
| Q2850 900 1,115.6 GPM @ 240 RPM 1,394.5 GPM @ 300 RPM 4.6484 6.250 5 7.00 | | Q2850 | 900 | 1,115.6 GPM @ 240 RPM | 1,394.5 GPM @ 300 RPM | 4.6484 | 6.250 | 5 | | |

| | | | | | | | | | | | | | | 23 |
|---|----------------|--------------------|--------------|--------------|--------------|------------|-------------|----------------|-------|----------------------------------|----------------------------------|----------------------------------|-------------------------------|---------------------------|
| | | | | | | | | | | | | | | |
| / | | | / | | | / | echanical f | ency | / | un Bronte | | arbon Steel | ainless steed | toonsteel stainless steel |
| | | | | | . / | / | | st Ductile | ron | un Bronte | sster o | arbot st | ainle Ca | stol staint |
| | | eight 105 Purne | (YPe | neth in N | dth (m) | eight in | nical | Juctile | lumit | tainle | oed of | coed) | reed | reed |
| | | eight oump | | netti ji | Idth / | eight | ection (3 | St V | St A. | St R | XOI I | tor s | ⁴⁰ | , to |
| | | | | | | | | $\underline{}$ | | \sum_{k} | <u> </u> | | | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | * | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | ♦ | ♦ | ♦ | * | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | ♦ ▲ | ♦ ▲ | ♦ ▲ | • | |
| | 5,500 | PLUNGER PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | ★★ | * * | ♦ | * * | |
| | 5,500 | PLUNGER | 75.0 | 40.0 40.0 | 36.0 36.0 | 90% 90% | | | | ▼♦ | ▼♦ | ▼♦ | ▼♦ | |
| | 5,500 | PLUNGER | 75.0 | | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 5,500 | BOTH | 75.0 75.0 | 40.0 40.0 | 36.0 | 90% | | | | • • | • • | ▼ | • • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | BOTH | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | ВОТН | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 5,500 | PLUNGER | 75.0 | 40.0 | 36.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | * | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | ♦ | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | * | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | ب | ♦ | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |

700 HP Pump Specifications

| / • • • • • | | r ope | | | | | | | |
|-------------|------------|--------|----------------------------------|-----------------------|--------|-------------|----------------------|-------------|------|
| PumpS | sties Mode | Rate | of Pressure (Pail Continuous Dut | N Internitent Du | দে ৫৯ | ons per per | olution al Diamet | ertin crime | ders |
| | Q3214 | 10,000 | 87.5 GPM @ 210 RPM | 125.0 GPM @ 300 RPM | 0.4165 | 1.750 | 5 | 8.00 | |
| | Q3216 | 9,550 | 114.2 GPM @ 210 RPM | 163.2 GPM @ 300 RPM | 0.5440 | 2.000 | 5 | 8.00 | |
| | Q3218 | 7,500 | 144.6 GPM @ 210 RPM | 206.6 GPM @ 300 RPM | 0.6885 | 2.250 | 5 | 8.00 | |
| | Q3220 | 6,125 | 178.5 GPM @ 210 RPM | 255.0 GPM @ 300 RPM | 0.8500 | 2.500 | 5 | 8.00 | |
| | Q3222 | 5,050 | 216.0 GPM @ 210 RPM | 308.6 GPM @ 300 RPM | 1.0285 | 2.750 | 5 | 8.00 | |
| | Q3224 | 4,250 | 257.0 GPM @ 210 RPM | 367.2 GPM @ 300 RPM | 1.2240 | 3.000 | 5 | 8.00 | |
| | Q3226 | 3,620 | 301.7 GPM @ 210 RPM | 431.0 GPM @ 300 RPM | 1.4365 | 3.250 | 5 | 8.00 | |
| | Q3228 | 3,125 | 349.9 GPM @ 210 RPM | 499.8 GPM @ 300 RPM | 1.6660 | 3.500 | 5 | 8.00 | |
| Q32 | Q3230 | 2,720 | 401.6 GPM @ 210 RPM | 573.8 GPM @ 300 RPM | 1.9125 | 3.750 | 5 | 8.00 | |
| 700/1,000 | Q3232 | 2,390 | 457.0 GPM @ 210 RPM | 652.8 GPM @ 300 RPM | 2.1760 | 4.000 | 5 | 8.00 | |
| HP | Q3234 | 2,110 | 515.9 GPM @ 210 RPM | 737.0 GPM @ 300 RPM | 2.4565 | 4.250 | 5 | 8.00 | |
| | Q3236 | 1,890 | 578.3 GPM @ 210 RPM | 826.2 GPM @ 300 RPM | 2.7540 | 4.500 | 5 | 8.00 | |
| | Q3238 | 1,690 | 644.4 GPM @ 210 RPM | 920.6 GPM @ 300 RPM | 3.0685 | 4.750 | 5 | 8.00 | |
| | Q3240 | 1,530 | 714.0 GPM @ 210 RPM | 1,020.0 GPM @ 300 RPM | 3.4000 | 5.000 | 5 | 8.00 | |
| | Q3242 | 1,390 | 787.2 GPM @ 210 RPM | 1,124.6 GPM @ 300 RPM | 3.7485 | 5.250 | 5 | 8.00 | |
| | Q3244 | 1,260 | 863.9 GPM @ 210 RPM | 1,234.2 GPM @ 300 RPM | 4.1140 | 5.500 | 5 | 8.00 | |
| | Q3246 | 1,160 | 944.3 GPM @ 210 RPM | 1,349.0 GPM @ 300 RPM | 4.4965 | 5.750 | 5 | 8.00 | |
| | Q3248 | 1,060 | 1,028.2 GPM @ 210 RPM | 1,468.8 GPM @ 300 RPM | 4.8960 | 6.000 | 5 | 8.00 | |
| | Q3250 | 980 | 1,115.5 GPM @ 210 RPM | 1,593.8 GPM @ 300 RPM | 5.3125 | 6.250 | 5 | 8.00 | |

| / | - North | eight (105) Pump | INPE LE | ist in wi | ath in H | eight im | ednarical f | st Ducile | ron Junin | un Bronze | Forsed | athon Steel | ainless ster | el steel stanles steel |
|---|---------|------------------|---------|-----------|----------|----------|-------------|-----------|-----------|-----------|--------|-------------|--------------|------------------------|
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | Í – | í – | <u> </u> | + | • | • | (•) | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | * | • | • |] |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | + | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | ٠ | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.o | 38.0 | 90% | | | | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.o | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.o | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.o | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.o | 38.0 | 90% | | • | + | + | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.o | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | BOTH | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • | |
| | 13,000 | PLUNGER | 75.0 | 86.0 | 38.0 | 90% | | • | • | • | • | • | • |) |

Pump Selection Procedure

1. Determine your HP requirement using the following equation:

GPM x PSI

1714 x Mechanical Efficiency

For preliminary sizing, use 90% for the mechanical efficiency, then adjust based on actual efficiency of pump selected.

- 2. Determine the duty cycle of your application. Continuous Duty is described as 8 hours or more operation per day, daily for extended periods of time.
- 3. Find the Pump Series under the first column with a HP rating that meets or exceeds the conditions of your application. Continuous HP is listed first. Intermittent HP is listed second.
- 4. Scan down the Rated Pressure column in the Pump Series selected until you find the last model whose maximum pressure rating exceeds the maximum pressure required by your application.
- 5. Check the appropriate capacity column (Continuous Duty Capacity or Intermittent Duty Capacity) to determine if the pump you selected meets the flow requirements of your application. If not, go to the next larger pump series and repeat Steps 4 & 5.
- 6. Determine the speed at which the pump will need to operate to produce the desired flow.

RPM= Desired Flow (GPM) Displacement

Notes:

HP=

- 1. Ratings are based on nominal speeds and pressures and may vary on FMC Technologies written approval.
- 2. Capacities and speeds indicated are based on 100% volumetric efficiency.
- 3. Continuous Duty is described as 8 hours or more operation per day, daily for extended periods of time.
- 4. Dimensions are approximate and based on standard pump models with cast fluid cylinders. Width is measured parallel to the axis of the drive shaft and does not include the shaft extension.