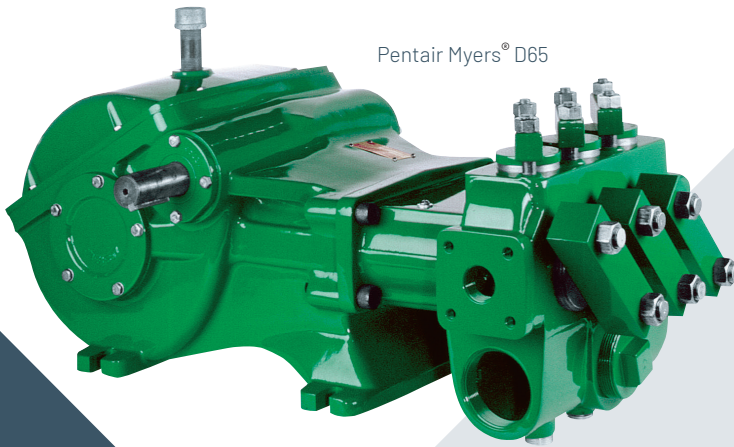
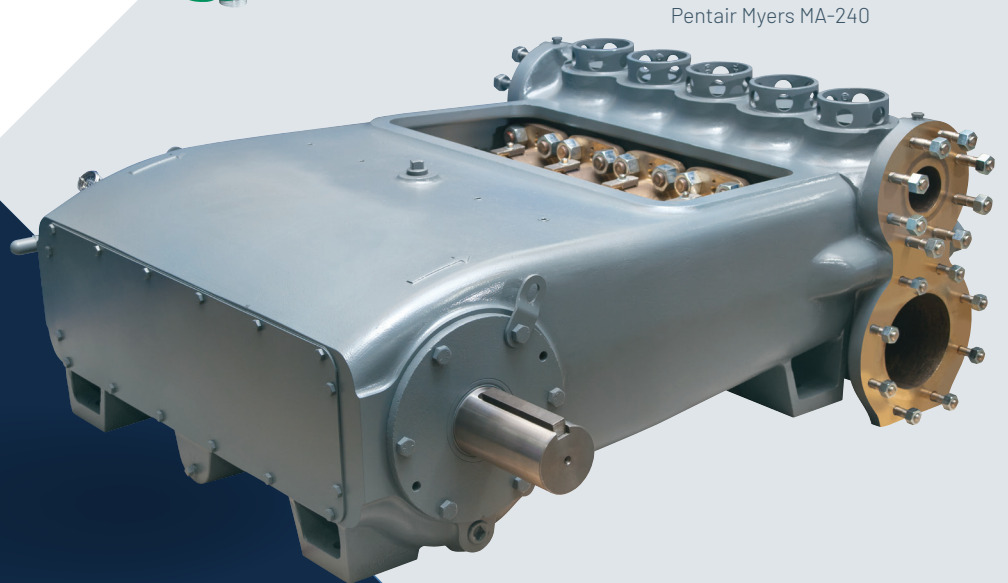




RECIPROCATING PUMPS



Pentair Myers® D65



Pentair Myers MA-240

PENTAIR® MYERS® AND PENTAIR MYERS APLEX™ SERIES Complete Line of Reciprocating Pumps

Over a Century and a Half of Pump Manufacturing History

Myers was founded in 1870 by brothers Frances and Philip Myers in Ashland, Ohio. The brothers began by building farm implements, then engineered and manufactured the first double-acting hand pump. From this modest beginning, the Myers pump line grew and evolved over the decades to include wastewater removal and industrial pumps and systems. In 1960, the Myers family sold the business to the McNeil Corporation of Akron, Ohio. In 1986 Myers was acquired by Pentair, a leading provider of water treatment and sustainable solutions.

Although a lot has changed since 1870, bringing together manufacturing expertise and application know-how to provide pumps ready to support demanding high-pressure jobs is a mainstay for Pentair Myers Pumps. These industrial high pressure pumps are designed, developed, manufactured, assembled, and tested in Ashland, Ohio, U.S.A.

The Ashland, Ohio operation includes:

- Over 410,000 square feet of warehouse, manufacturing, distribution, foundry and office facilities
- Approximately 600 employees dedicated to supplying quality products

Addition of Pentair Myers Aplex Series

In 1996, Pentair Myers Aplex Series Products were added to the Pentair Myers Industrial Line. Myers Aplex Series Products date back to the 1960s oilfield pump industry. Myers Aplex Series Pumps have since grown to be one of the most highly recognized and accepted pumps offered in a variety of industries. These pumps put in the work to stand up to demanding and hostile applications including those found within the oil and gas, directional drilling, sewer cleaning, water treatment and steel mill processes.

These pumps are designed to work harder for you, but not for you to work hard to keep them up and running. With ease of maintenance and user-friendly craftsmanship, consider these pumps your go-to industrial workhorse. A wide range of optional configurations are used on each application to tailor fit each customers' needs to furnish a pump for long-term dependable performance for years to come. Each pump is also available with a variety of options including integral hydraulic drives, base mountings and a wide selection of auxiliary equipment to address each unique installation.

Complete Reciprocating Line

With over 14,000 reciprocating pumps placed in service over the last decade with Original Equipment Manufacturers (OEMs), Pentair Myers partners with customers to develop customized, special-purpose pumps that seamlessly integrate into existing equipment. With the right pumps for high demanding industrial applications, we can help you meet your cost, performance and reliability requirements. We are proud to provide reciprocating pumps to 10 major manufacturers who fabricate national brands with applications ranging from sewer jetting to hydro excavating to waterjet machining.

PUMP FEATURES

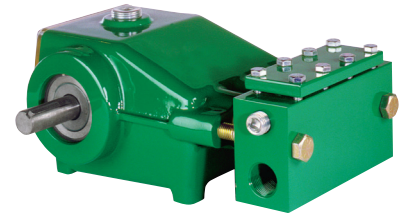
- Reliable performance
- Built for ease of field serviceability
- A broad product line ranging from 5 to 400 HP (3.7 to 298.3 kW)
- Pressures up to 5,500 psi (379.2 bar) and flows to 600 gpm (2271 lpm)
- Temperature ratings up to 450°F (232°C)
- Able to pump a wide range of corrosive fluids from acids to caustics
- Extra-large oil sump for superior lubrication

RANGE OF APPLICATIONS

- Gas sweetening and drying
- Crude oil gathering, pipelining and transfer
- Power oil /power water hydraulic services
- Water blasting and cutting
- Steel mill de-scaling
- Mine de-watering
- Toxic and hazardous waste disposal
- Sewer cleaning
- Hydrostatic testing
- Reverse osmosis (desalination)
- Natural Gas Liquids (NGL) transfer
- Bentonite slurry pumping
- Water well fracking
- Food processing
- Chemical processing
- Car and truck wash

Pentair Myers BXM6-15

Extra-large oil reservoir provides superior lubrication, while helping to enable more effective cooling and less maintenance. The crankshaft is field-reversible for application flexibility. Easy access to suction and discharge valves means no need to remove pump from system for repair. Each pump is factory tested to help ensure flow and pressure performance.



BX Pump Features

- Flows to 8 gpm (30.3 lpm)
- Pressure ratings up to 1,500 psi (103.4 bar)
- Easy access to valves for servicing
- Extra-large oil sump for superior lubrication
- Clear rear cover for easy oil level inspection

BXM6-15	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	700 RPM US gpm (lpm)	800 RPM US gpm (lpm)	Flows: 3 - 7 gpm (11.4 - 26.5 lpm) psi: 200 - 1500 (bar: 13.8 - 103.4) Stroke Length: 1.06 in. (27 mm) Weight: 60 lbs. (27.2 kg)	Max. HP 6 (4.5 kW)
	1.000 (25.4)	1500 (103.4)	.0108 (.0410)	4.3 (16.4)	5.4 (20.5)	6.5 (24.6)	*NA	*NA		
HP (Kilowatts) required @ RPM**				4.5 (3.3)	5.6 (4.2)	6.7 (5.0)	*NA	*NA		
1.000 (25.4)	1000 (68.9)	.0108 (.0410)	4.3 (16.4)	5.4 (20.5)	6.5 (24.6)	7.6 (28.7)	8.7 (32.8)			
HP (Kilowatts) required @ RPM**				3.0 (2.2)	3.7 (2.8)	4.5 (3.3)	5.2 (3.9)	6.0 (4.4)		

Metallurgy is available in Carbon Steel or Aluminum Bronze

* Displacement based on 100% volumetric efficiency

** Power based on 85% mechanical efficiency

Pentair Myers CX Series

Rugged design for continuous operation. Three suction ports for installation versatility. Smooth solid ceramic cylinder liners allow continuous operation at maximum pressure and flow. Large concentric suction and discharge valves allow complete filling of cylinders. Solid cast iron power end with constant lubrication of all working parts. Fluid end available in high-strength cast iron, aluminum-bronze.



Myers CX Pump Features

- Flows to 20 gpm (75.7 lpm)
- Pressure ratings to 1,500 psi (103.4 bar)
- Constant lubrication of all power end parts
- Spring loaded chevron style packing

CX10-15	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	500 RPM US gpm (lpm)	560 RPM US gpm (lpm)	Flows: 5 - 11 gpm (18.9 - 41.6 lpm) psi: 400 - 1500 (bar: 27.6 - 103.4) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 11 (8.2 kW)
	1.25 (31.75)	1500 (103.4)	.0199 (.0753)	5.9 (22.3)	7.9 (29.9)	8.9 (33.7)	9.9 (37.5)	11.1 (42.0)		
HP (Kilowatts) required @ RPM**				6.0 (4.5)	8.1 (6.0)	9.1 (6.8)	10.1 (7.5)	11.0 (8.2)		
CX20-10	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	500 RPM US gpm (lpm)	560 RPM US gpm (lpm)	Flows: 11 - 21 gpm (41.6 - 79.5 lpm) psi: 300 - 1000 (bar: 20.7 - 68.9) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 14 (10.4 kW)
	1.75 (44.5)	1000 (68.9)	.039 (.148)	11.7 (44.3)	15.6 (59.1)	17.5 (66.2)	19.5 (73.8)	21.8 (82.5)		
HP (Kilowatts) required @ RPM**				8.0 (6.0)	10.7 (8.0)	12.0 (9.0)	13.3 (10.0)	14.0 (10.4)		

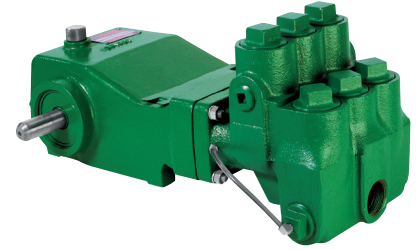
Metallurgy is available in Ductile Iron, Aluminum Bronze

* Displacement based on 100% volumetric efficiency

** Power based on 85% mechanical efficiency

Pentair Myers CXP Series

These pumps offer seven interchangeable plunger and seal packages, allowing complete hydraulic coverage. Optimum flow and pressure is easily converted, even in the field by changing the plunger and seal kit. Cylinder body of high-strength ductile iron.



Myers CXP Series Pump Features

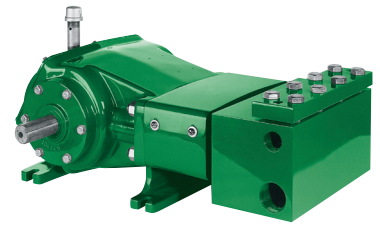
- Flows to 30 gpm (113.6 lpm)
- Pressure ratings to 3,500 psi (241.3 bar)
- Continuous splash lubrication provided either direction of rotation
- Offerings of seven interchangeable plunger and seal packages
- Easily serviced in field without removal of pump

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	500 RPM US gpm (lpm)	560 RPM US gpm (lpm)		
CXP5-35	.875 (22.225)	3500 (241.3)	.0097 (.0367)	2.9 (10.98)	3.9 (14.8)	4.4 (16.7)	4.9 (18.5)	5.5 (20.8)	Flows: 3 - 5 gpm (11.4 - 18.9 lpm) psi: 2500 - 3500 (bar: 172.4 - 241.3) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 13 (9.7 kW)
	HP (Kilowatts) required @ RPM**			7.0 (5.2)	9.4 (7.0)	10.6 (7.9)	11.8 (8.8)	13.0 (9.7)		
CXP7-30	1.000 (25.4)	3000 (206.8)	.0127 (.0481)	3.8 (14.4)	5.1 (19.3)	5.7 (21.6)	6.4 (24.2)	7.1 (26.9)	Flows: 3 - 7 gpm (11.4 - 26.5 lpm) psi: 2000 - 3000 (bar: 137.9 - 206.8) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 15 (11.2 kW)
	HP (Kilowatts) required @ RPM**			7.8 (5.8)	10.5 (7.8)	11.7 (8.7)	13.2 (9.8)	15.0 (11.2)		
CXP14-24	1.125 (28.6)	2450 (168.9)	.0161 (.0611)	10.5 (39.7)	12.1 (45.8)	12.9 (48.8)	13.7 (51.9)	14.5 (54.9)	Flows: 10 - 14 gpm (37.9 - 53.0 lpm) psi: 1400 - 2450 (bar: 96.5 - 168.9) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 25 (18.6 kW)
	HP (Kilowatts) required @ RPM**			17.7 (13.2)	20.3 (15.1)	21.7 (16.2)	23.0 (17.2)	25.0 (18.6)		
CXP18-20	1.250 (31.8)	2000 (137.9)	.0199 (.0754)	12.9 (48.8)	14.9 (56.4)	15.9 (60.2)	16.9 (64.0)	17.9 (67.8)	Flows: 12 - 17 gpm (45.4 - 64.4 lpm) psi: 1000 - 2000 (bar: 68.9 - 137.9) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 25 (18.6 kW)
	HP (Kilowatts) required @ RPM**			17.7 (13.2)	20.5 (15.3)	21.8 (16.3)	23.2 (17.3)	25.0 (18.6)		
CXP22-16	1.375 (34.9)	1650 (113.8)	.0241 (.0912)	15.7 (59.4)	18.1 (68.5)	19.3 (73.1)	20.5 (77.6)	21.7 (82.1)	Flows: 15 - 21 gpm (56.8 - 79.5 lpm) psi: 600 - 1650 (bar: 41.4 - 113.8) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 25 (18.6 kW)
	HP (Kilowatts) required @ RPM**			17.8 (13.3)	20.5 (15.3)	21.9 (16.3)	23.2 (17.3)	25.0 (18.6)		
CXP26-14	1.500 (38.1)	1400 (96.5)	.0286 (.1083)	18.6 (70.4)	21.5 (81.4)	23.0 (87.1)	24.4 (92.4)	25.8 (97.7)	Flows: 18 - 25 gpm (68.1 - 94.6 lpm) psi: 400 - 1400 (bar: 27.6 - 96.5) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 25 (18.6 kW)
	HP (Kilowatts) required @ RPM**			17.9 (13.3)	20.7 (15.4)	22.1 (16.5)	23.4 (17.4)	25.0 (18.6)		
CXP30-12	1.625 (41.3)	1200 (82.7)	.0336 (.1272)	21.9 (82.9)	25.3 (95.8)	26.9 (101.8)	28.6 (108.3)	30.3 (114.7)	Flows: 21 - 30 gpm (79.5 - 113.6 lpm) psi: 200 - 1200 (bar: 13.8 - 82.7) Stroke Length: 1.25 in. (31.75 mm) Weight: 104 lbs. (47.2 kg)	Max. HP 25 (18.6 kW)
	HP (Kilowatts) required @ RPM**			18.0 (13.4)	20.8 (15.5)	36.9 (27.5)	23.6 (17.6)	25.0 (18.6)		

Metallurgy is available in Ductile Iron
 * Displacement based on 100% volumetric efficiency
 ** Power based on 85% mechanical efficiency

Pentair Myers CPM

Superior equipment technology allows the versatility to machine the pump end from a selection of standard or optional materials. Removable cover section for easy service and is available with hydraulic drive adaption.



Myers CPM Pump Features

- Flows to 247 gpm (90.8 lpm)
- Pressure ratings up to 4,000 psi (275.8 bar)
- Crankshaft rotates in either direction
- Continuous splash lubrication provided
- Cast Iron crankcase serves as oil reservoir

CPM18-40	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	363 RPM US gpm (lpm)	483 RPM US gpm (lpm)	604 RPM US gpm (lpm)	725 RPM US gpm (lpm)	Flows: 5 – 20 gpm (18.9 – 75.7 lpm) psi: 1200 – 4000 (bar: 82.7 – 275.8) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 55 (41.0 kW)
	1.25 (31.75)	4000 (275.8)	.0278 (.1052)	5.5 (20.82)	10.0 (37.9)	13.4 (50.7)	16.7 (63.2)	20.1 (76.1)		
HP (Kilowatts) required @ RPM**				15.0 (11.2)	27.4 (20.4)	36.7 (27.4)	45.8 (34.2)	55.0 (41.0)		

Metallurgy is available in Carbon Steel or Stainless Steel

CPM24-30	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	363 RPM US gpm (lpm)	483 RPM US gpm (lpm)	604 RPM US gpm (lpm)	725 RPM US gpm (lpm)	Flows: 2 – 22 gpm (7.6 – 83.3 lpm) psi: 1000 – 3000 (bar: 68.9 – 206.8) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 46 (34.3 kW)
	1.5 (38.1)	3000 (206.8)	.0402 (.1520)	8.0 (30.4)	14.6 (55.2)	19.4 (73.4)	24.3 (91.8)	29.1 (110.2)		
HP (Kilowatts) required @ RPM**				16.5 (12.3)	30.0 (22.4)	39.9 (29.8)	49.9 (37.2)	60.0 (44.7)		

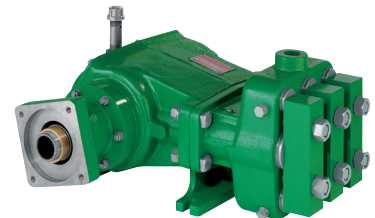
Metallurgy is available in Carbon Steel or Stainless Steel

* Displacement based on 100% volumetric efficiency

** Power based on 85% mechanical efficiency

Pentair Myers C Series

Heavy-duty piston pump with high-strength fluid end and spring-loaded flat valves for economical high pressure pumping of large volumes of fluid. Crankshaft can be rotated in either direction making installation easier.



Myers C Series Pump Features

- Flows to 40 gpm (151.4 lpm)
- Pressure ratings to 2,500 psi (172.4 bar)
- High-strength fluid end with spring-loaded flat valves for consistent high pressure pumping
- Easily serviced in field without removal of pump

C15-30	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 5 – 15 gpm (19 – 56.8 lpm) psi: 700-3000 (bar: 670 – 2873) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 32 (23.9 kW)
	1.25 (31.75)	3000 (206.8)	.0278 (.1052)	5.5 (21.0)	8.3 (31.5)	11.1 (42.0)	13.9 (52.6)	15.3 (57.9)		
HP (Kilowatts) required @ RPM**				11.3 (8.4)	17.1 (12.7)	22.9 (17.1)	28.6 (21.3)	31.5 (23.5)		
C25-25	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	325 RPM US gpm (lpm)	425 RPM US gpm (lpm)	525 RPM US gpm (lpm)	625 RPM US gpm (lpm)	Flows: 8 – 25 gpm (30.3 – 94.6 lpm) psi: 700 – 2500 (bar: 48.3 – 172.4) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 42 (31.3 kW)
	1.50 (38.1)	2500 (172.4)	.0401 (.1518)	8.0 (30.3)	13.0 (49.2)	17.0 (64.4)	21.0 (79.5)	25.0 (94.6)		
HP (Kilowatts) required @ RPM**				13.8 (10.3)	22.3 (16.6)	29.1 (21.7)	36.0 (26.8)	42.0 (31.3)		
C35-20	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	375 RPM US gpm (lpm)	475 RPM US gpm (lpm)	575 RPM US gpm (lpm)	675 RPM US gpm (lpm)	Flows: 10 – 36 gpm (37.8 – 136.3 lpm) psi: 600 – 2000 (bar: 41.4 – 137.9) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 50 (37.3 kW)
	1.75 (44.45)	2000 (137.9)	.0546 (.2069)	10.9 (41.3)	20.4 (77.2)	25.9 (98.0)	31.3 (118.5)	36.8 (139.3)		
HP (Kilowatts) required @ RPM**				14.9 (11.1)	28.0 (20.9)	35.5 (26.5)	42.9 (32.0)	50.0 (37.3)		
C40-20	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	375 RPM US gpm (lpm)	475 RPM US gpm (lpm)	575 RPM US gpm (lpm)	Flows: 14 – 41 gpm (53.0 – 155.2 lpm) psi: 600 – 2000 (bar: 41.4 – 137.9) Stroke Length: 1.75 in. (44.45 mm) Weight: 300 lbs. (136 kg)	Max. HP 56 (41.8 kW)
	2.00 (50.8)	2000 (137.9)	.0714 (.2703)	14.2 (53.8)	21.4 (81.0)	26.7 (101.1)	33.9 (128.3)	41.0 (155.2)		
HP (Kilowatts) required @ RPM**				19.4 (14.5)	29.3 (21.8)	36.6 (27.3)	46.5 (34.7)	56.0 (41.8)		

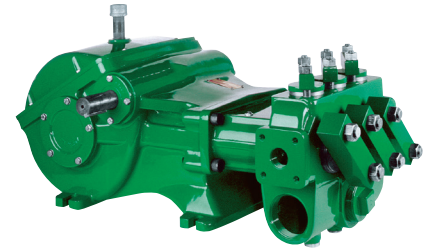
Metallurgy available in Ductile Iron only

*Displacement based on 100% volumetric efficiency

**Power based on 85% mechanical efficiency

Pentair Myers D Series

Slow operating speed reduces wear and prolongs pump life. The fluid end is available in ductile iron or aluminum bronze with flat valves, making routine maintenance easy without removing the pump from the system. All the valve and piston assemblies are serviceable through convenient front and top openings.



Myers D Series Pump Features

- Flows to 65 gpm (246 lpm)
- Pressure ratings up to 2,000 psi (137.9 bar)
- Internal gear reductions
- Continuous splash lubrication provided either direction of rotation

D35-8PP	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	600 RPM US gpm (lpm)	650 RPM US gpm (lpm)	700 RPM US gpm (lpm)	750 RPM US gpm (lpm)	800 RPM US gpm (lpm)	Flows: 26 - 34 gpm (98.4 - 128.7 lpm) psi: 600 - 1200 (bar: 41.4 - 82.74) Stroke Length: 2.875 in. (73.03 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 30 (22.4 kW)
	2.25 (57.15)	1200 (82.74)	.0437 (.1654)	26.2 (99.2)	28.4 (107.5)	30.5 (115.5)	32.7 (123.8)	34.9 (132.1)		
HP (Kilowatts) required @ RPM**			21.5 (16.0)	23.3 (17.4)	25.1 (18.7)	26.9 (20.1)	30.0 (22.4)			
D35-12	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	725 RPM US gpm (lpm)	825 RPM US gpm (lpm)	925 RPM US gpm (lpm)	1025 RPM US gpm (lpm)	1075 RPM US gpm (lpm)	Flows: 25 - 37 gpm (94.6 - 140.1 lpm) psi: 600 - 2000 (bar: 41.4 - 82.74) Stroke Length: 2.875 in. (73.03 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 30 (22.4 kW)
	2.00 (50.8)	1200 (82.74)	.0346 (.1310)	25.0 (94.6)	28.5 (107.9)	32.0 (121.1)	35.4 (134.0)	37.1 (140.4)		
HP (Kilowatts) required @ RPM**			20.5 (15.3)	23.4 (17.4)	26.3 (19.6)	29.1 (21.7)	30.0 (22.4)			

*D35 Series have internal gear reduction of 3.39:1

D50-12	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	725 RPM US gpm (lpm)	825 RPM US gpm (lpm)	925 RPM US gpm (lpm)	1025 RPM US gpm (lpm)	1075 RPM US gpm (lpm)	Flows: 35 - 52 gpm (132.5 - 196.8 lpm) psi: 400 - 1200 (bar: 27.58 - 82.74) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 45 (33.6 kW)
	2.25 (57.15)	1200 (82.74)	.0490 (.1855)	35.5 (134.4)	40.4 (152.9)	45.3 (171.5)	50.2 (190.0)	52.6 (199.1)		
HP (Kilowatts) required @ RPM**			29.2 (21.8)	33.2 (24.8)	37.3 (27.8)	41.3 (30.8)	45.0 (33.6)			
D60-10	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	725 RPM US gpm (lpm)	825 RPM US gpm (lpm)	925 RPM US gpm (lpm)	1025 RPM US gpm (lpm)	1075 RPM US gpm (lpm)	Flows: 43 - 65 gpm (162.7 - 246.1 lpm) psi: 400 - 1000 (bar: 27.58 - 68.95) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 45 (33.6 kW)
	2.50 (63.5)	1000 (68.95)	.0605 (.2290)	43.8 (165.8)	49.9 (188.9)	55.9 (211.6)	62.0 (234.7)	65.0 (246.1)		
HP (Kilowatts) required @ RPM**			30.0 (22.4)	34.2 (25.5)	38.3 (28.6)	42.5 (31.7)	45.0 (33.6)			
D65-16	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	1112 RPM US gpm (lpm)	1247 RPM US gpm (lpm)	1446 RPM US gpm (lpm)	1490 RPM US gpm (lpm)	1570 RPM US gpm (lpm)	Flows: 48 - 68 gpm (181.7 - 257.4 lpm) psi: 1000 - 1600 (bar: 68.95 - 110.3) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 75 (55.9 kW)
	2.125 (53.98)	1600 (110.3)	.0437 (.1654)	48.5 (183.6)	54.4 (205.9)	63.1 (238.9)	65.1 (246.4)	68.6 (259.7)		
HP (Kilowatts) required @ RPM**			53.2 (39.7)	59.9 (44.7)	69.2 (51.6)	71.4 (53.2)	75.0 (55.9)			
D65-20	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	1000 RPM US gpm (lpm)	1200 RPM US gpm (lpm)	1400 RPM US gpm (lpm)	1600 RPM US gpm (lpm)	1800 RPM US gpm (lpm)	Flows: 38 - 69 gpm (143.8 - 261.2 lpm) psi: 1000 - 2000 (bar: 68.95 - 137.9) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 95 (70.8 kW)
	2.00 (50.8)	2000 (137.9)	.0387 (.1465)	38.7 (146.5)	46.4 (175.6)	54.1 (204.8)	61.9 (234.3)	69.6 (263.5)		
HP (Kilowatts) required @ RPM**			53.1 (39.6)	63.6 (47.4)	74.2 (55.3)	84.9 (63.3)	95.0 (70.8)			

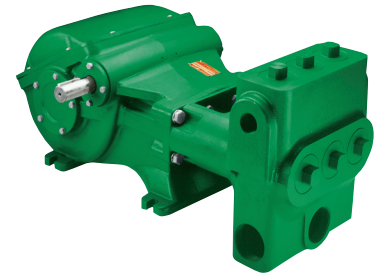
Metallurgy is available in Ductile Iron or Aluminum Bronze

* Displacement based on 100% volumetric efficiency

** Power based on 85% mechanical efficiency

"D" Series have an internal gear reduction of 3.95:1 - except as noted

Pentair Myers DP Series



Myers High Volume/Pressure Series Pumps offer interchangeable plungers, seals, and fluid ends to provide various flow/pressure ratings. Also available in hydraulic drive configuration.

Myers DP Series Pump Features

- Flows to 120 gpm (454.2 lpm)
- Pressure ratings up to 5,500 psi (379.2 bar)
- Internal gear reductions of 3.95:1
- Super hard, non-scoring plungers
- Suction and discharge located for easy service
- Offerings of seven interchangeable plunger and seal packages

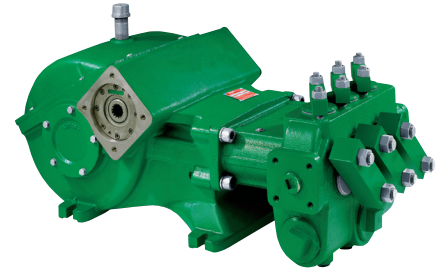
Model	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	1000 RPM US gpm (lpm)	1200 RPM US gpm (lpm)	1400 RPM US gpm (lpm)	1750 RPM US gpm (lpm)	1800 RPM US gpm (lpm)	Flows: (US gpm / lpm) psi: (bar) Stroke Length: (in. / mm) Weight: (lbs. / kg)	Max. HP (kW)
DP28-55	1.25 (31.75)	5500 (379.2)	.0151 (.0572)	15.1 (57.2)	18.1 (68.5)	21.1 (79.9)	26.4 (99.9)	27.2 (103.0)	Flows: 15 – 27 gpm (56.8 – 102.2 lpm) psi: 4500 – 5500 (bar: 310.3 – 379.2) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			57.0 (42.5)	68.3 (50.9)	76.6 (57.1)	99.6 (74.3)	102.0 (76.1)		
	1.50 (38.1)	3800 (262.0)	.0217 (.0821)	21.7 (82.1)	26.1 (98.8)	30.5 (115.5)	38.1 (144.2)	39.2 (148.4)		
DP40-38	1.50 (38.1)	3800 (262.0)	.0217 (.0821)	21.7 (82.1)	26.1 (98.8)	30.5 (115.5)	38.1 (144.2)	39.2 (148.4)	Flows: 21 – 39 gpm (79.5 – 147.6 lpm) psi: 2800 – 3800 (bar: 163.1 – 262.0) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			56.5 (42.1)	68.0 (50.7)	79.5 (59.3)	99.4 (74.1)	102.0 (76.1)		
	1.75 (44.45)	2800 (193.1)	.0296 (.1120)	29.6 (112.0)	35.5 (134.4)	41.4 (156.7)	51.8 (196.1)	53.3 (201.8)		
DP55-28	1.75 (44.45)	2800 (193.1)	.0296 (.1120)	29.6 (112.0)	35.5 (134.4)	41.4 (156.7)	51.8 (196.1)	53.3 (201.8)	Flows: 29 – 53 gpm (109.8 – 200.6 lpm) psi: 1800 – 2800 (bar: 124.1 – 163.1) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			56.8 (42.4)	67.8 (50.6)	79.5 (59.3)	99.5 (74.2)	102.0 (76.1)		
	2.00 (50.8)	2150 (148.2)	.0387 (.1465)	38.7 (146.5)	46.4 (175.6)	54.2 (205.2)	67.7 (256.3)	69.7 (263.8)		
DP70-22	2.00 (50.8)	2150 (148.2)	.0387 (.1465)	38.7 (146.5)	46.4 (175.6)	54.2 (205.2)	67.7 (256.3)	69.7 (263.8)	Flows: 38-69 gpm (143.8-261.2 lpm) psi: 1150 – 2150 (bar: 79.3 – 148.2) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			57.1 (42.6)	68.4 (51.0)	79.9 (59.6)	99.9 (74.5)	102.0 (76.1)		
	2.125 (53.975)	1900 (131.0)	.0437 (.1654)	43.7 (165.4)	52.4 (198.4)	61.2 (231.7)	76.5 (289.6)	78.7 (297.9)		
DP80-20	2.125 (53.975)	1900 (131.0)	.0437 (.1654)	43.7 (165.4)	52.4 (198.4)	61.2 (231.7)	76.5 (289.6)	78.7 (297.9)	Flows: 43 – 78 gpm (162.8 – 295.3 lpm) psi: 900 – 1900 (bar: 62.1 – 131.0) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			56.9 (42.4)	68.3 (50.9)	79.8 (59.5)	99.7 (74.3)	102.0 (76.1)		
	2.25 (57.15)	1700 (117.2)	.0490 (.1855)	49.0 (185.5)	58.8 (222.6)	68.6 (259.7)	85.7 (324.4)	82.2 (333.9)		
DP90-18	2.25 (57.15)	1700 (117.2)	.0490 (.1855)	49.0 (185.5)	58.8 (222.6)	68.6 (259.7)	85.7 (324.4)	82.2 (333.9)	Flows: 49 – 88 gpm (185.5 – 333.1 lpm) psi: 700 – 1700 (bar: 27.6 – 96.5) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			57.1 (42.6)	68.6 (51.2)	80.0 (59.7)	99.9 (74.5)	102.0 (76.1)		
	2.625 (66.675)	1200 (82.7)	.0667 (.2525)	66.7 (252.5)	80.0 (302.8)	93.4 (353.6)	116.7 (441.8)	120.1 (454.6)		
DP120-12	2.625 (66.675)	1200 (82.7)	.0667 (.2525)	66.7 (252.5)	80.0 (302.8)	93.4 (353.6)	116.7 (441.8)	120.1 (454.6)	Flows: 66 – 120 gpm (249.8 – 454.2 lpm) psi: 200 – 1200 (bar: 13.8 – 82.7) Stroke Length: 3.75 in. (95.25 mm) Weight: 725 lbs. (328.9 kg)	Max. HP 102 (76.1 kW)
	HP (Kilowatts) required @ RPM**			54.9 (40.9)	65.8 (49.1)	89.7 (66.9)	96.1 (71.7)	102.0 (76.1)		
	HP (Kilowatts) required @ RPM**			54.9 (40.9)	65.8 (49.1)	89.7 (66.9)	96.1 (71.7)	102.0 (76.1)		

Metallurgy is available in Ductile Iron
 DP Series have an internal gear reduction of 3.95:1

* Displacement based on 100% volumetric efficiency
 ** Power based on 85% mechanical efficiency

Pentair Myers E Series

Gearcase of rugged cast iron protects the gears and serves as oil reservoir for continuous splash lubrication. Pinion and gear are helical cut and machined from high-strength alloy steel, and can rotate in either direction. Valves are abrasion resistant for dependable service in harsh environments.



Myers E Series Pump Features

- Flows to 110 gpm (416.4 lpm)
- Pressure ratings up to 3,000 psi (206.8 bar)
- Easily serviced in field without removal of pump
- Abrasion resistant valve assemblies
- Internal gear reductions of 3.95 to 1

E54-30	Piston	Max. psi (bar)	*Gallon (Liter) Per/Rev	1012 RPM US gpm (lpm)	1215 RPM US gpm (lpm)	1417 RPM US gpm (lpm)	1620 RPM US gpm (lpm)	1823 RPM US gpm (lpm)	Flows: 30 – 53 gpm (113.6 – 200.6 lpm) psi: 1800 – 3000 (bar: 124.1 – 206.8) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 110 (82 kW)
	1.75 (44.45)	3000 (206.8)	.0296 (.1120)	29.9 (113.2)	35.9 (135.9)	41.9 (158.6)	47.9 (181.3)	53.9 (204.0)		
	HP (Kilowatts) required @ RPM**			65.1 (48.5)	73.9 (55.1)	86.2 (64.3)	96.6 (72.0)	110 (82.0)		
E70-23	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	774 RPM US gpm (lpm)	1032 RPM US gpm (lpm)	1290 RPM US gpm (lpm)	1549 RPM US gpm (lpm)	1807 RPM US gpm (lpm)	Flows: 30 – 70 gpm (113.6 – 265 lpm) psi: 1900 – 2300 (bar: 131 – 158.6) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 110 (82 kW)
	2.00 (50.8)	2300 (158.6)	.0387 (.1465)	29.9 (113.2)	39.9 (151)	49.9 (188.9)	59.9 (226.7)	69.9 (264.6)		
	HP (Kilowatts) required @ RPM**			47.1 (35.1)	62.9 (46.9)	78.7 (58.7)	94.5 (70.5)	110 (82.0)		
E80-20	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	914 RPM US gpm (lpm)	1143 RPM US gpm (lpm)	1371 RPM US gpm (lpm)	1600 RPM US gpm (lpm)	1828 RPM US gpm (lpm)	Flows: 40 – 80 gpm (151.4 – 302.8 lpm) psi: 1200 – 2000 (bar: 82.7 – 137.9) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 110 (82 kW)
	2.125 (54.0)	2000 (137.9)	.0437 (.1654)	39.9 (151)	49.9 (188.9)	59.9 (226.7)	69.9 (264.6)	79.8 (302.0)		
	HP (Kilowatts) required @ RPM**			54.7 (40.8)	68.4 (51.0)	82.2 (61.3)	95.9 (71.5)	110 (82.0)		
E80-25	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	1031 RPM US gpm (lpm)	1290 RPM US gpm (lpm)	1548 RPM US gpm (lpm)	1806 RPM US gpm (lpm)	2064 RPM US gpm (lpm)	Flows: 40 – 80 gpm (151.4 – 302.8 lpm) psi: 1200 – 2500 (bar: 82.7 – 172.4) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 137 (102.2 kW)
	2.00 (50.8)	2500 (172.4)	.0387 (.1465)	40.0 (151.0)	50.0 (189.3)	60 (227.1)	70 (265.0)	80 (302.8)		
	HP (Kilowatts) required @ RPM**			67.0 (50.0)	86.0 (64.1)	103 (76.8)	120 (89.5)	137 (102.2)		
E110-14	Piston Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	1157 RPM US gpm (lpm)	1322 RPM US gpm (lpm)	1487 RPM US gpm (lpm)	1652 RPM US gpm (lpm)	1817 RPM US gpm (lpm)	Flows: 70 – 109 gpm (265 – 412.6 lpm) psi: 800 – 1400 (bar: 55.2 – 96.5) Stroke Length: 3.75 in. (95.25 mm) Weight: 525 lbs. (238.1 kg)	Max. HP 110 (82 kW)
	2.5 (63.5)	1477 (101.8)	.0605 (.2290)	69.9 (264.6)	79.9 (302.5)	89.9 (340.3)	99.9 (378.2)	109.9 (416.0)		
	HP (Kilowatts) required @ RPM**			67.1 (50.0)	76.7 (57.2)	86.3 (64.4)	95.9 (71.5)	110 (82.0)		

Metallurgy available in Ductile Iron only

*E Series have an internal gear reduction of 3.95:1

* Displacement based on 100% volumetric efficiency

** Power based on 85% mechanical efficiency

PENTAIR MYERS APLEX SERIES

Rugged Reliability Features

A. Valves

Unique (patented) hardened stainless steel disc-type valves for longer life cycle and servicing. Additional valve types are: acetal disc, titanium disc, abrasion resistant, and dual-stem guided.

B. Plungers

Rokide™ chrome-oxide coated on stainless steel substrate or TX for abrasive service.

C. Stuffing Boxes

Replaceable and field-servicable – available in various metallurgies.

D. Liquid Ends

Available in a variety of metallurgies.

E. Valve Covers

Provide easy access to valve components.

F. Crosshead Extension Rods

Solid heat-treated stainless steel for hardness and corrosion-resistance.

G. Packing Assemblies

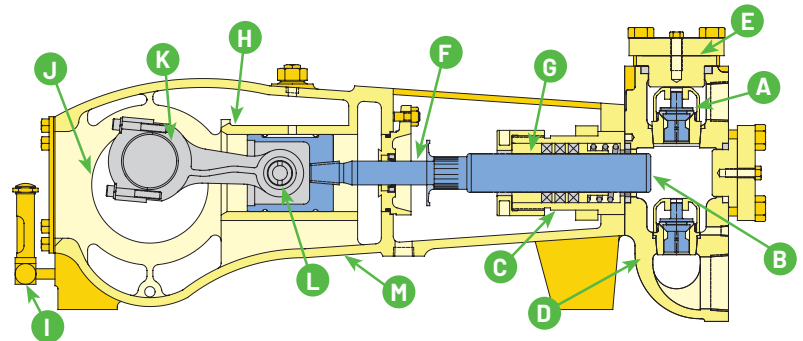
Available in a wide selection of styles to meet your specific needs.

H. Power-End Lubrication Systems

A combination of splash and scoop methods to deliver proper lubrication of the power-end at a wide range of pump speeds.

I. Oil Level Sight Glass

Provides quick and easy oil level inspection.



J. Crankshaft Journal Bearings

Precision steel backed, babbitted inserts require no shimming of the rod cap for perfect running clearance.

K. Crankshafts

Forged steel or ductile iron, precision ground and polished for low friction and supported by large roller bearings.

L. Connecting Rods

Utilizing case-hardened and centerless-ground alloy steel crosshead pins and large leaded bronze bushings. Provide an excellent design to cope with applications involving high suction pressures.

M. Power Frame Cradle

Unobstructed access for easy entry and servicing of plungers, packing, and stuffing boxes.

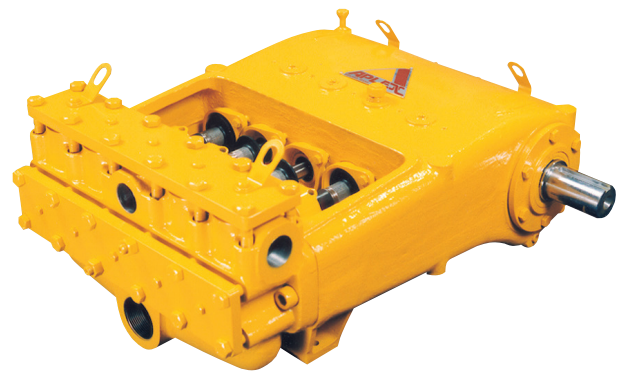
Pentair Myers Aplex API 674

Reciprocating Pumps

Pentair Myers Aplex Series compliant reciprocating pumps provide high pressure transfer of fluids with high efficiency.

Features:

- High efficiency
- Designed for quick and easy maintenance of all expendables
- Pump can be completely disassembled without removing the piping or driver
- Easy valve replacement
- Optional materials customize pumps to specific application for longevity

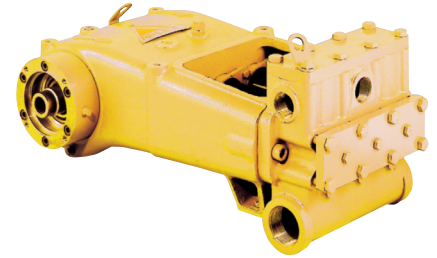


Designed to meet the intent of American Petroleum Institute standards, Pentair manufactures high quality, reliable products applicable for API 674 services. Years of field proven performance with our reciprocating pumps provide the industry with some of the best pumps available.

Engineered to match performance needs and operating conditions, you can be assured your Pentair pump will be the right fit for the job, every time.

Pentair Myers Aplex SC Series

Built for “intermittent duty” at full ratings for shift type of work, i.e. eight hours per day. This pump line offers the same design features as the MA Series in a smaller more compact and cost-effective design for this type of work and follows Hydraulic Institute Standards.



Myers AplexSC Series features

- Flows up to 288.5 gpm (2606.3 lpm)
- Pressure ratings up to 6,500 psi (448 bar)
- Power ratings to 500 HP (373 kW)
- Temperatures to 400° F (204° C)
- Metallurgies available are ductile iron, aluminum bronze, carbon steel, or stainless steel

Myers Aplex SC Series Sizing Charts

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	650 RPM US gpm (lpm)		
Piston Only → SC-30 Triplex	1.750 (44.450)	1743 (120.2)	.0547 (.2071)	13.7 (51.9)	19.1 (72.3)	24.6 (93.1)	30.1 (114.0)	35.5 (134.4)	Flows: 7 – 35 gpm (26.5 – 132.5 lpm) psi: 1743 – 3417 (bar: 120.2 – 235.6) Stroke Length: 1.75 in. (44.45 mm) Weight: 225 lbs. (102.1 kg)	Max. HP 40 (29.8 kW)
	1.625 (41.275)	2022 (139.4)	.0471 (.1783)	11.8 (44.7)	16.5 (62.5)	21.2 (80.1)	25.9 (98.0)	30.6 (115.8)		
	1.500 (38.100)	2373 (163.6)	.0402 (.1522)	10.0 (37.9)	14.1 (53.4)	18.1 (68.5)	22.1 (83.7)	26.1 (98.8)		
	1.375 (34.925)	2824 (194.7)	.0337 (.1276)	8.4 (31.8)	11.8 (44.7)	15.2 (57.5)	18.6 (70.4)	21.9 (82.9)		
	1.250 (31.750)	3417 (235.6)	.0279 (.1056)	7.0 (26.5)	9.8 (37.1)	12.6 (47.7)	15.3 (57.9)	18.1 (68.5)		
HP (Kilowatts) required @ RPM**				21.6 (16.1)	27.8 (20.7)	34.0 (25.4)	40.0 (29.8)			
SC-30H Triplex	1.125 (28.575)	4218 (290.8)	.0226 (.0856)	5.6 (21.2)	7.9 (30.0)	10.2 (38.6)	12.4 (46.9)	14.7 (55.6)	Flows: 3 – 14 gpm (11.4 – 53.0 lpm) psi: 4218 – 5000 (bar: 290.8 – 344.7) Stroke Length: 1.75 in. (44.45 mm) Weight: 275 lbs. (124.7 kg)	Max. HP 40 (29.8 kW)
	1.000 (25.400)	5000 (344.7)	.0179 (.0678)	4.5 (17.0)	6.2 (23.5)	8.0 (30.3)	9.8 (37.1)	11.6 (43.9)		
	.875 (22.225)	5000 (344.7)	.0137 (.0519)	3.4 (12.9)	4.8 (18.2)	6.1 (23.1)	7.5 (28.4)	8.9 (33.7)		
	HP (Kilowatts) required @ RPM**				15.4 (11.5)	21.6 (16.1)	27.8 (20.7)	34.0 (25.4)		
SC-35 Triplex	2.000 (50.8)	1528 (105.4)	.0816 (.3089)	16.3 (61.8)	26.5 (100.4)	34.7 (131.4)	42.8 (162.2)	51 (193.1)	Flows: 9.2 – 51 gpm (34.8–193.1 lpm) psi: 1000–2716 (bar: 69–187.3) Stroke Length 2.00 in. (50.8 mm) Weight: 250 lbs (113.4 kg)	Max. HP 50 (37 kW)
	1.750 (44.5)	1996 (137.6)	.0625 (.2366)	12.5 (47.3)	20.3 (76.9)	26.6 (100.6)	32.8 (124.2)	39.1 (147.9)		
	1.500 (38.1)	2716 (187.3)	.0459 (.1738)	9.2 (34.8)	14.9 (56.5)	19.5 (73.8)	24.1 (91.2)	28.7 (108.6)		
	HP (Kilowatts) required @ RPM**				16.2 (12.1)	26.3 (19.6)	34.4 (25.6)	42.5 (31.7)		
SC-45L Triplex	2.250 (57.150)	1330 (91.7)	.1162 (.4399)	23.2 (87.8)	34.9 (132.1)	46.5 (176.1)	58.1 (219.9)	69.7 (263.8)	Flows: 18 – 69 gpm (68.1 – 261.2 lpm) psi: 1330 – 1683 (bar: 91.7 – 116.0) Stroke Length: 2.25 in. (57.15 mm) Weight: 475 lbs. (215.5 kg)	Max. HP 60 (44.7 kW)
	2.125 (53.975)	1491 (102.8)	.1036 (.3922)	20.7 (78.4)	31.1 (117.7)	41.5 (157.1)	51.8 (196.1)	62.2 (235.5)		
	2.000 (50.800)	1683 (116.0)	.0918 (.3475)	18.4 (69.7)	27.5 (104.1)	36.7 (138.9)	45.9 (173.8)	55.1 (208.6)		
	HP (Kilowatts) required @ RPM**				20.0 (14.9)	30.1 (22.4)	40.1 (29.9)	50.1 (37.4)		
SC-45 Triplex	1.875 (47.625)	1912 (131.8)	.0807 (.3055)	16.1 (60.9)	24.2 (91.6)	32.3 (122.3)	40.3 (152.6)	48.4 (183.2)	Flows: 10 – 48 gpm (37.9 – 181.7 lpm) psi: 1912 – 2988 (bar: 131.8 – 206.0) Stroke Length: 2.25 in. (57.15 mm) Weight: 430 lbs. (195.0 kg)	Max. HP 60 (44.7 kW)
	1.750 (44.450)	2195 (151.3)	.0703 (.2661)	14.1 (53.4)	21.1 (79.9)	28.1 (106.4)	35.1 (132.9)	42.2 (159.7)		
	1.625 (41.275)	2546 (175.5)	.0606 (.2294)	12.1 (45.8)	18.2 (68.9)	24.2 (91.6)	30.3 (114.7)	36.4 (137.8)		
	1.500 (38.100)	2988 (206.0)	.0516 (.1953)	10.3 (39.0)	15.5 (58.7)	20.7 (78.4)	25.8 (97.7)	31.0 (117.3)		
HP (Kilowatts) required @ RPM**				20.0 (14.9)	30.0 (22.4)	40.0 (29.8)	50.0 (37.3)	60.0 (44.7)		
SC-45H Triplex	1.375 (34.925)	3556 (245.2)	.0434 (.1643)	8.7 (32.9)	13.0 (49.2)	17.4 (65.9)	21.7 (82.1)	26.0 (98.4)	Flows: 5 – 26 gpm (18.9 – 98.4 lpm) psi: 3556 – 5000 (bar: 245.2 – 344.7) Stroke Length: 2.25 in. (57.15 mm) Weight: 430 lbs. (195.0 kg)	Max. HP 60 (44.7 kW)
	1.250 (31.750)	4302 (296.6)	.0359 (.1359)	7.2 (27.3)	10.8 (40.9)	14.3 (54.1)	17.9 (67.8)	21.5 (81.4)		
	1.125 (28.575)	5000 (344.7)	.0290 (.1098)	5.8 (22.0)	8.7 (32.9)	11.6 (43.9)	14.5 (54.9)	17.4 (65.9)		
	HP (Kilowatts) required @ RPM**				20.0 (14.9)	30.0 (22.4)	40.0 (29.8)	50.0 (37.3)		

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Myers Aplex SC Series Sizing Charts (Continued)

Piston Only →	SC-65L Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 28 – 116 gpm (106.0 – 439.1 lpm) psi: 1215 – 1815 (bar: 83.8 – 125.1) Stroke Length: 2.75 in. (69.85 mm) Weight: 750 lbs. (340.2 kg)	Max. HP 92 (68.6 kW)			
		3.000 (76.200)	1050 (72.4)	.2520 (.9539)	50.5 (191.2)	63.1 (238.9)	88.3 (334.3)	113.6 (430.0)	138.8 (525.4)					
		2.750 (69.850)	1215 (83.8)	.2121 (.8029)	42.4 (160.5)	53.0 (200.6)	74.2 (280.9)	95.5 (361.5)	116.7 (441.8)					
		2.625 (66.675)	1334 (92.0)	.1933 (.7317)	38.7 (146.5)	48.3 (182.8)	67.6 (255.9)	87.0 (329.3)	106.3 (402.4)					
		2.500 (63.500)	1471 (101.4)	.1753 (.6636)	35.1 (132.9)	43.8 (165.8)	61.4 (232.4)	78.9 (298.7)	96.4 (364.9)					
		2.375 (60.325)	1630 (112.4)	.1582 (.5989)	31.6 (119.6)	39.6 (149.9)	55.4 (209.7)	71.2 (269.5)	87.0 (329.3)					
		2.250 (57.150)	1815 (125.1)	.1420 (.5375)	28.4 (107.5)	35.5 (134.4)	49.7 (188.1)	63.9 (241.9)	78.1 (295.6)					
HP (Kilowatts) required @ RPM**				33.4 (24.9)	41.8 (31.2)	58.5 (43.6)	75.2 (56.1)	92.0 (68.6)						
	SC-65 Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 17 – 78 gpm (64.4 – 295.3 lpm) psi: 1815 – 3000 (bar: 125.1 – 206.8) Stroke Length: 2.75 in. (69.85 mm) Weight: 750 lbs. (340.2 kg)	Max. HP 92 (68.6 kW)			
		2.250 (57.150)	1815 (125.1)	.1420 (.5375)	28.4 (107.5)	35.5 (134.4)	49.7 (188.1)	63.9 (241.9)	78.1 (295.6)					
		2.125 (53.975)	2035 (140.3)	.1267 (.4796)	25.3 (95.8)	31.7 (120.0)	44.3 (167.7)	57.0 (215.8)	69.7 (263.8)					
		2.000 (50.800)	2297 (158.4)	.1122 (.4247)	22.4 (84.8)	28.1 (106.4)	39.3 (148.8)	50.5 (191.2)	61.7 (233.6)					
		1.875 (47.625)	2613 (180.2)	.0986 (.3732)	19.7 (74.6)	24.7 (93.5)	34.5 (130.6)	44.4 (168.1)	54.2 (205.2)					
		1.750 (44.450)	3000 (206.8)	.0859 (.3252)	17.2 (65.1)	21.5 (81.4)	30.1 (114.0)	38.7 (146.5)	47.2 (178.7)					
		HP (Kilowatts) required @ RPM**				33.4 (24.9)	41.8 (31.2)	58.5 (43.6)	75.2 (56.1)			92.0 (68.6)		
	SC-65H Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 8 – 40 gpm (30.3 – 151.4 lpm) psi: 3479 – 5000 (bar: 239.9 – 344.7) Stroke Length: 2.75 in. (69.85 mm) Weight: 795 lbs. (360.6 kg)	Max. HP 92 (68.6 kW)			
		1.625 (41.275)	3479 (239.9)	.0741 (.2805)	14.8 (56.0)	18.5 (70.0)	25.9 (98.0)	33.3 (126.1)	40.7 (154.1)					
		1.500 (38.100)	4083 (281.5)	.0631 (.2389)	12.6 (47.7)	15.8 (59.8)	22.1 (83.7)	28.4 (107.5)	34.7 (131.4)					
		1.375 (34.925)	4858 (335.0)	.0530 (.2006)	10.6 (40.1)	13.3 (50.3)	18.6 (70.4)	23.9 (90.5)	29.2 (110.5)					
		1.250 (31.750)	5000 (344.7)	.0438 (.1658)	8.8 (33.3)	11.0 (41.6)	15.3 (57.9)	19.7 (74.6)	24.1 (91.2)					
		HP (Kilowatts) required @ RPM**				33.4 (24.9)	41.8 (31.2)	58.5 (43.6)	75.2 (56.1)			92.0 (68.6)		
			SC-80 Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)			500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	Flows: 17 – 80 gpm (64.4 – 302.8 lpm) psi: 1912 – 2988 (bar: 131.8 – 206.0) Stroke Length: 2.25 in. (57.15 mm) Weight: 510 lbs. (231.3 kg)
1.875 (47.625)	1912 (131.8)			.1345 (.5091)	26.9 (101.8)	40.3 (152.6)	53.8 (203.7)	67.2 (254.4)	80.7 (305.5)					
1.750 (44.450)	2195 (151.3)			.1171 (.4433)	23.4 (88.6)	35.1 (132.9)	46.9 (177.5)	58.6 (221.8)	70.3 (266.1)					
1.625 (41.275)	2550 (175.8)			.1010 (.3823)	20.2 (76.5)	30.3 (114.7)	40.4 (152.9)	50.5 (191.2)	60.6 (229.4)					
1.500 (38.100)	2988 (206.0)			.0861 (.3259)	17.2 (65.1)	25.8 (97.7)	34.4 (130.2)	43.0 (162.8)	51.6 (195.3)					
HP (Kilowatts) required @ RPM**				33.4 (24.9)	50.1 (37.4)	66.7 (49.7)	83.4 (62.2)	100.0 (74.6)						
	SC-80H Quintuplex			Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	Flows: 7 – 43 gpm (26.5 – 162.8 lpm) psi: 3558 – 6500 (bar: 245.3 – 448.2) Stroke Length: 2.25 in. (57.15 mm) Weight: 510 lbs. (231.3 kg)	Max. HP 100 (74.6 kW)	
		1.375 (34.925)	3558 (245.3)	.0723 (.2737)	14.5 (54.9)	21.7 (82.1)	28.9 (109.4)	36.2 (137.0)	43.4 (164.3)					
		1.250 (31.750)	4306 (296.9)	.0598 (.2264)	12.0 (45.4)	17.9 (67.8)	23.9 (90.5)	29.9 (113.2)	35.9 (135.9)					
		1.125 (28.575)	5316 (366.5)	.0484 (.1832)	9.7 (36.7)	14.5 (54.9)	19.4 (73.4)	24.2 (91.6)	29.0 (109.8)					
		1.000 (25.400)	6500 (448.2)	.0383 (.1450)	7.7 (29.1)	11.5 (43.5)	15.3 (57.9)	19.1 (72.3)	23.0 (87.1)					
		HP (Kilowatts) required @ RPM**				33.4 (24.9)	50.1 (37.4)	66.8 (49.8)	83.4 (62.2)	100.0 (74.6)				
			SC-95 Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)			Flows: 21 – 105 gpm (79.5 – 397.5 lpm) psi: 1936 – 3441 (bar: 133.5 – 237.2) Stroke Length: 3.00 in. (76.20 mm) Weight: 920 lbs. (417.3 kg)
2.500 (63.500)	1936 (133.5)			.1913 (.7241)	38.3 (150.0)	47.8 (181.0)	66.9 (253.2)	86.1 (325.9)	105.2 (398.2)					
2.375 (60.325)	2145 (147.9)			.1726 (.6534)	34.5 (130.6)	43.2 (163.5)	60.4 (228.6)	77.7 (294.1)	94.9 (359.2)					
2.250 (57.150)	2390 (164.8)			.1549 (.5864)	31.0 (117.3)	38.7 (146.5)	54.2 (205.2)	69.7 (263.8)	85.2 (322.5)					
2.125 (53.975)	2680 (184.8)			.1382 (.5231)	27.6 (104.5)	34.5 (130.6)	48.4 (183.2)	62.2 (235.5)	76.0 (287.7)					
2.000 (50.800)	3025 (208.6)			.1224 (.4633)	24.5 (92.7)	30.6 (115.8)	42.8 (162.0)	55.1 (208.6)	67.3 (254.8)					
1.875 (47.625)	3443 (237.4)			.1076 (.4073)	21.5 (81.4)	26.9 (101.8)	37.7 (142.7)	48.4 (183.2)	59.2 (224.1)					
HP (Kilowatts) required @ RPM**				48.0 (35.8)	60.0 (44.7)	84.0 (62.6)	108.1 (80.6)	132.0 (98.4)						
Piston Only →	SC-115L Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 47 – 231 gpm (177.9 – 874.4 lpm) psi: 1020 – 1815 (bar: 70.3 – 125.1) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,520 lbs. (689.5 kg)	Max. HP 154 (114.8 kW)			
		3.000 (76.200)	1020 (70.3)	.4208 (1.5929)	84.2 (318.7)	105.2 (398.2)	147.3 (557.6)	189.3 (716.6)	231.4 (876.0)					
		2.750 (69.850)	1215 (83.8)	.3535 (1.3381)	70.7 (267.6)	88.4 (334.6)	123.7 (468.3)	159.1 (602.3)	194.5 (736.3)					
		2.625 (66.675)	1333 (91.9)	.3221 (1.2193)	64.4 (243.8)	80.5 (304.7)	112.7 (426.7)	145.0 (548.9)	177.2 (670.8)					
		2.500 (63.500)	1470 (101.4)	.2922 (1.1061)	58.4 (221.1)	73.0 (276.3)	102.3 (387.2)	131.5 (497.8)	160.7 (608.3)					
		2.375 (60.325)	1629 (112.3)	.2637 (.9982)	52.7 (199.5)	65.9 (249.5)	92.3 (349.4)	118.7 (449.3)	145.0 (548.9)					
		2.250 (57.150)	1815 (125.1)	.2367 (.8960)	47.3 (179.0)	59.2 (224.1)	82.8 (313.4)	106.5 (403.1)	130.2 (492.9)					
HP (Kilowatts) required @ RPM**				55.7 (41.5)	69.6 (51.9)	97.4 (72.6)	125.2 (93.4)	154.0 (114.8)						
	SC-115 Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	500 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 50 – 130 gpm (189.3 – 492.1 lpm) psi: 1815 – 3000 (bar: 125.1 – 206.8) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,240 lbs. (562.5 kg)	Max. HP 154 (114.8 kW)			
		2.250 (57.150)	1815 (125.1)	.2367 (.8960)	82.8 (313.4)	94.7 (358.5)	106.5 (403.1)	118.3 (447.8)	130.2 (492.9)					
		2.125 (53.975)	2035 (140.3)	.2111 (.7991)	73.9 (279.7)	84.4 (319.5)	95.0 (359.6)	105.6 (399.7)	116.1 (439.5)					
		2.000 (50.800)	2297 (158.4)	.1870 (.7079)	65.5 (247.9)	74.8 (283.1)	84.2 (318.7)	93.5 (353.9)	102.9 (389.5)					
		1.875 (47.625)	2613 (180.2)	.1644 (.6223)	57.5 (217.7)	65.7 (248.7)	74.0 (280.1)	82.2 (311.2)	90.4 (342.2)					
		1.750 (44.450)	3000 (206.8)	.1432 (.5421)	50.1 (189.6)	57.3 (216.9)	64.4 (243.8)	71.6 (271.0)	78.7 (298.0)					
		HP (Kilowatts) required @ RPM**				97.5 (72.7)	111.4 (83.1)	125.4 (93.5)	139.3 (103.9)			154.0 (114.8)		

*Displacement based on 100% volumetric efficiency **Power based on 90% mechanical efficiency

Myers Aplex SC Series Sizing Charts (Continued)

SC-115H Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	Flows: 14 – 67 gpm (53.0 – 253.6 lpm) psi: 3479 – 5878 (bar: 239.9 – 405.3) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,240 lbs. (562.5 kg)	Max. HP 154 (114.8 kW)
	1.625 (41.275)	3479 (239.9)	.1234 (.4671)	24.7 (93.5)	37.0 (140.1)	49.4 (187.0)	61.7 (233.6)	67.9 (257.0)		
	1.500 (38.100)	4083 (281.5)	.1052 (.3982)	21.0 (79.5)	31.6 (119.6)	42.1 (159.4)	52.6 (199.1)	57.9 (219.2)		
	1.375 (34.925)	4858 (335.0)	.0884 (.3346)	17.7 (67.0)	26.5 (100.3)	35.4 (134.0)	44.2 (167.3)	48.6 (184.0)		
	1.250 (31.750)	5878 (405.3)	.0730 (.2763)	14.6 (55.3)	21.9 (82.9)	29.2 (110.5)	36.5 (138.2)	40.2 (152.2)		
HP (Kilowatts) required @ RPM**				55.7 (41.5)	83.6 (62.3)	111.4 (83.1)	139.3 (103.9)	154.0 (114.8)		
Piston Only → SC-170L Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 105 – 312 gpm (397.5 – 1181.0 lpm) psi: 1136 – 1862 (bar: 78.3 – 128.4) Stroke Length: 4.25 in. (107.95 mm) Weight: 2,050 lbs. (929.9 kg)	Max. HP 230 (171.5 kW)
	4.000 (101.600)	1136 (78.3)	.6936 (2.6256)	173.4 (656.4)	208.1 (787.7)	242.8 (919.1)	277.0 (1048.6)	312.1 (1181.4)		
	3.500 (88.900)	1484 (102.3)	.5310 (2.0101)	132.8 (502.7)	159.3 (603.0)	185.9 (703.7)	212.4 (804.0)	239.0 (904.7)		
	3.375 (85.725)	1596 (110.0)	.4938 (1.8692)	123.4 (467.1)	148.1 (560.6)	172.8 (654.1)	197.5 (747.6)	222.2 (841.1)		
	3.250 (82.550)	1721 (118.7)	.4579 (1.7333)	114.5 (433.4)	137.4 (520.1)	160.3 (606.8)	183.2 (693.5)	206.0 (779.8)		
HP (Kilowatts) required @ RPM**				127.7 (95.2)	153.3 (114.3)	178.8 (133.3)	204.4 (152.4)	230.0 (171.5)		
SC-170 Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 67 – 239 gpm (253.6 – 904.7 lpm) psi: 1484 – 2909 (bar: 102.3 – 200.6) Stroke Length: 4.25 in. (107.95 mm) Weight: 1,850 lbs. (839.1 kg)	Max. HP 230 (171.5 kW)
	3.500 (88.900)	1484 (102.3)	.5310 (2.0101)	132.8 (502.7)	159.3 (603.0)	185.9 (703.7)	212.4 (804.0)	239.0 (904.7)		
	3.375 (85.725)	1596 (110.0)	.4938 (1.8692)	123.4 (467.1)	148.1 (560.6)	172.8 (654.1)	197.5 (747.6)	222.2 (841.1)		
	3.250 (82.550)	1721 (118.7)	.4579 (1.7333)	114.5 (433.4)	137.4 (520.1)	160.3 (606.8)	183.2 (693.5)	206.0 (779.8)		
	3.125 (79.375)	1862 (128.4)	.4233 (1.6024)	105.8 (400.5)	127.0 (480.7)	148.2 (561.0)	169.3 (640.9)	190.5 (721.1)		
	3.000 (76.200)	2020 (139.3)	.3902 (1.4771)	97.5 (369.1)	117.0 (442.9)	136.6 (517.1)	156.1 (590.9)	175.6 (664.7)		
	2.875 (73.025)	2199 (151.6)	.3583 (1.3563)	89.6 (339.2)	107.5 (406.9)	125.4 (474.7)	143.3 (542.4)	161.2 (610.2)		
	2.750 (69.850)	2404 (165.7)	.3278 (1.2409)	82.0 (310.4)	98.4 (372.5)	114.7 (434.2)	131.1 (496.3)	147.5 (558.3)		
	2.625 (66.675)	2638 (181.9)	.2987 (1.1307)	74.7 (282.8)	89.6 (339.2)	104.5 (395.6)	119.5 (452.4)	134.4 (508.8)		
	HP (Kilowatts) required @ RPM**				127.8 (95.3)	153.3 (114.3)	178.9 (133.4)	204.4 (152.4)		
SC-170H Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 33 – 110 gpm (124.9 – 416.4 lpm) psi: 3223 – 5600 (bar: 222.2 – 386.1) Stroke Length: 4.25 in. (107.95 mm) Weight: 1,850 lbs. (839.1 kg)	Max. HP 230 (171.5 kW)
	2.375 (60.325)	3223 (222.2)	.2445 (.9255)	61.1 (231.3)	73.4 (277.8)	85.6 (324.0)	97.8 (370.2)	110.0 (416.4)		
	2.250 (57.150)	3592 (247.7)	.2195 (.8309)	54.9 (207.8)	65.8 (249.1)	76.8 (290.7)	87.8 (332.4)	98.8 (374.0)		
	2.125 (53.975)	4027 (277.7)	.1958 (.7412)	48.9 (185.1)	58.7 (222.2)	68.5 (259.3)	78.3 (296.4)	88.1 (333.5)		
	2.000 (50.800)	4548 (313.6)	.1734 (.6564)	43.4 (164.3)	52.0 (196.8)	60.7 (229.8)	69.4 (262.7)	78.0 (295.3)		
HP (Kilowatts) required @ RPM**				127.8 (95.3)	153.3 (114.3)	178.9 (133.4)	204.4 (152.4)	230.0 (171.5)		
Piston Only → SC-170DD Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	100 RPM US gpm (lpm)	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 69 – 395 gpm (261.2 – 1495.2 lpm) psi: 900 – 1136 (bar: 62.1 – 78.3) Stroke Length: 4.25 in. (107.95 mm) Weight: 2,325 lbs. (1,054.6 kg)	Max. HP 230 (171.5 kW)
	4.500 (114.300)	900 (62.1)	.8778 (3.3223)	87.8 (332.4)	175.6 (664.7)	263.3 (996.7)	351.1 (1329.1)	395.0 (1495.2)		
	4.250 (107.950)	1000 (68.9)	.7830 (2.9640)	78.3 (296.4)	156.6 (592.8)	234.9 (889.2)	313.2 (1185.6)	352.4 (1334.0)		
	4.000 (101.600)	1136 (78.3)	.6936 (2.6256)	69.4 (262.7)	138.7 (525.0)	208.1 (787.7)	277.4 (1050.1)	312.1 (1181.4)		
HP (Kilowatts) required @ RPM**				51.2 (38.2)	102.5 (76.4)	153.7 (114.6)	204.9 (152.8)	230.0 (171.5)		
Piston Only → Piston Only → SC-230 Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 86 – 418 gpm (325.5 – 1582.3 lpm) psi: 1152 – 3084 (bar: 79.4 – 212.6) Stroke Length: 4.50 in. (114.30 mm) Weight: 2,680 lbs. (1,215.6 kg)	Max. HP 310 (231.2 kW)
	4.500 (114.300)	1152 (79.4)	.9295 (3.5185)	232.4 (879.7)	278.8 (1055.4)	325.3 (1231.4)	371.8 (1407.4)	418.3 (1583.4)		
	4.250 (107.950)	1291 (89.0)	.8291 (3.1385)	207.3 (784.7)	248.7 (941.4)	290.2 (1098.5)	331.6 (1255.2)	373.1 (1412.3)		
	4.000 (101.600)	1458 (100.5)	.7344 (2.7800)	183.6 (695.0)	220.3 (833.9)	257.0 (972.9)	293.8 (1112.2)	330.5 (1251.1)		
	3.875 (98.425)	1553 (107.1)	.6892 (2.6089)	172.3 (652.2)	206.8 (780.9)	241.2 (913.0)	275.7 (1043.6)	310.1 (1173.9)		
	3.750 (95.250)	1659 (114.4)	.6455 (2.4435)	161.4 (611.0)	193.6 (732.9)	225.9 (855.1)	258.2 (977.4)	290.5 (1100.0)		
	3.625 (92.075)	1775 (122.4)	.6032 (2.2834)	150.8 (570.8)	180.9 (684.8)	211.1 (799.1)	241.3 (913.4)	271.4 (1027.4)		
	3.500 (88.900)	1904 (131.3)	.5623 (2.1285)	140.6 (532.2)	168.7 (638.6)	196.8 (745.0)	224.9 (851.3)	253.0 (957.7)		
	3.375 (85.725)	2048 (141.2)	.5228 (1.9790)	130.7 (494.8)	158.8 (593.6)	183.0 (692.7)	209.1 (791.5)	235.3 (890.7)		
	3.250 (82.550)	2208 (152.2)	.4848 (1.8352)	121.2 (458.8)	145.4 (550.4)	169.7 (642.4)	193.9 (734.0)	218.2 (826.0)		
	3.125 (79.375)	2388 (164.6)	.4482 (1.6966)	112.1 (424.3)	134.5 (509.1)	158.9 (593.9)	179.3 (678.7)	201.7 (763.5)		
	3.000 (76.200)	2591 (178.6)	.4131 (1.5638)	103.3 (391.0)	123.9 (469.0)	144.6 (547.4)	165.2 (625.4)	185.9 (703.7)		
	2.875 (73.025)	2821 (194.5)	.3794 (1.4362)	94.8 (358.9)	113.8 (430.8)	132.8 (502.7)	151.8 (574.6)	170.7 (646.2)		
	2.750 (69.850)	3084 (212.6)	.3471 (1.3139)	86.8 (328.6)	104.1 (394.1)	121.5 (459.9)	138.8 (525.4)	156.2 (591.3)		
HP (Kilowatts) required @ RPM**				173.6 (129.5)	208.3 (155.3)	243.0 (181.2)	277.8 (207.2)	310.0 (231.2)		

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Myers Aplex SC Series Sizing Charts (Continued)

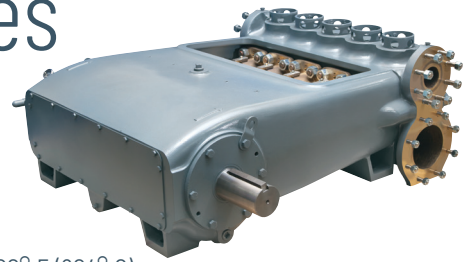
SC-230H Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 45 – 129 gpm (170.3 – 488.3 lpm) psi: 3732 – 5831 (bar: 257.3 – 402.0) Stroke Length: 4.50 in. (114.30 mm) Weight: 2,935 lbs. (1,331.3 kg)	Max. HP 310 (231.2 kW)
	2.500 (63.500)	3732 (257.3)	.2869 (1.0860)	71.7 (271.4)	86.1 (325.9)	100.4 (380.1)	114.8 (548.1)	129.1 (488.7)		
	2.375 (60.325)	4135 (285.1)	.2589 (1.9800)	64.7 (244.9)	77.7 (294.1)	90.6 (343.0)	103.6 (392.2)	116.5 (441.0)		
	2.250 (57.150)	4607 (317.6)	.2324 (1.8797)	58.1 (220.0)	69.7 (263.8)	81.3 (307.8)	92.9 (351.7)	104.6 (396.0)		
	2.125 (53.975)	5165 (356.1)	.2073 (1.7847)	51.8 (196.1)	62.2 (235.5)	72.5 (274.4)	82.9 (313.8)	93.3 (353.2)		
	2.000 (50.800)	5831 (402.0)	.1836 (1.6950)	45.9 (173.8)	55.1 (208.6)	64.3 (243.4)	73.4 (277.8)	82.6 (312.7)		
HP (Kilowatts) required @ RPM**				173.6 (129.5)	208.3 (155.3)	243.0 (181.2)	277.7 (207.1)	310.0 (231.2)		
SC-300 Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 101 – 398 gpm (382.3 – 1506.6 lpm) psi: 1550 – 3365 (bar: 106.5 – 232.0) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,600 lbs. (1,632.9 kg)	Max. HP 400 (298.3 kW)
	3.500 (88.900)	1550 (106.9)	.8851 (3.3505)	221.3 (837.7)	265.5 (1005.0)	309.8 (1172.7)	354.0 (1340.0)	398.3 (1507.7)		
	3.375 (85.725)	1666 (114.9)	.8230 (3.1154)	205.7 (778.7)	246.9 (934.6)	288.0 (1090.2)	329.2 (1246.2)	370.3 (1401.7)		
	3.250 (82.550)	1797 (123.9)	.7631 (2.8886)	190.8 (722.3)	228.9 (866.5)	267.1 (1011.1)	305.3 (1155.7)	343.4 (1299.9)		
	3.125 (79.375)	1944 (134.0)	.7056 (2.6710)	176.4 (667.7)	211.7 (801.4)	246.9 (934.6)	282.2 (1068.2)	317.5 (1201.9)		
	3.000 (76.200)	2109 (145.4)	.6503 (2.4617)	162.6 (615.5)	195.1 (738.5)	227.6 (861.6)	260.1 (984.6)	292.6 (1107.6)		
	2.875 (73.025)	2296 (158.3)	.5972 (2.2606)	149.3 (565.2)	179.2 (678.3)	209.0 (791.2)	238.9 (904.3)	268.7 (1017.1)		
	2.750 (69.850)	2510 (173.1)	.5464 (2.0683)	136.6 (517.1)	163.9 (620.4)	191.2 (723.8)	218.6 (827.5)	245.9 (930.8)		
	2.625 (66.675)	2755 (190.0)	.4978 (1.8844)	124.5 (471.3)	149.4 (565.5)	174.2 (659.4)	199.1 (753.7)	224.0 (847.9)		
	2.500 (63.500)	3037 (209.4)	.4516 (1.7095)	112.9 (427.4)	135.5 (512.9)	158.0 (598.1)	180.6 (683.6)	203.2 (769.2)		
2.375 (60.325)	3365 (232.0)	.4075 (1.5426)	101.9 (385.7)	122.3 (463.0)	142.6 (539.8)	163.0 (617.0)	183.4 (694.2)			
HP (Kilowatts) required @ RPM**				222.4 (165.8)	266.9 (199.0)	311.4 (232.2)	355.9 (265.4)	400.0 (298.3)		
Piston or Plunger SC-300L Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	Flows: 189 – 585 gpm (715.4 – 2214.5 lpm) psi: 1055 – 1626 (bar: 72.7 – 112.1) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,900 lbs. (1,769.0 kg)	Max. HP 400 (298.3 kW)
	4.500 (114.300)	1055 (72.7)	1.4631 (5.5384)	292.6 (1107.6)	365.8 (1384.7)	438.9 (1661.4)	512.1 (1938.5)	585.2 (2215.2)		
	4.375 (111.125)	1116 (76.9)	1.3829 (5.2348)	276.6 (1047.0)	345.7 (1308.6)	414.9 (1570.6)	484.0 (1832.1)	553.2 (2094.1)		
	4.250 (107.950)	1181 (81.4)	1.3050 (4.9400)	261.0 (988.0)	326.3 (1235.2)	391.5 (1482.0)	456.8 (1729.2)	522.0 (1976.0)		
	4.125 (104.775)	1254 (86.5)	1.2294 (4.6538)	245.9 (930.8)	307.3 (1163.3)	368.8 (1396.1)	430.3 (1628.9)	491.8 (1861.7)		
	4.000 (101.600)	1334 (92.0)	1.1560 (4.3759)	231.2 (875.2)	289.0 (1094.0)	346.8 (1312.8)	404.6 (1531.6)	462.4 (1750.4)		
	3.875 (98.425)	1422 (98.0)	1.0849 (4.1068)	217.0 (821.4)	271.2 (1026.6)	325.5 (1232.2)	379.7 (1437.3)	434.0 (1642.9)		
	3.750 (95.250)	1518 (104.7)	1.0160 (3.8460)	203.2 (769.2)	254.0 (961.5)	304.8 (1153.8)	355.6 (1346.1)	406.4 (1538.4)		
3.625 (92.075)	1626 (112.1)	.9494 (3.5939)	189.9 (718.8)	237.4 (898.7)	284.8 (1078.1)	332.3 (1258.0)	379.8 (1437.7)			
HP (Kilowatts) required @ RPM**				200.2 (149.3)	250.2 (186.6)	300.3 (223.9)	350.3 (261.2)	400.0 (298.3)		
SC-300H Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 45 – 129 gpm (170.3 – 488.3 lpm) psi: 4203 – 6198 (bar: 289.8 – 427.3) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,240 lbs. (1,469.6 kg)	Max. HP 400 (298.3 kW)
	2.125 (53.975)	4203 (289.8)	.3263 (1.2352)	81.6 (308.9)	97.9 (370.6)	114.2 (432.3)	130.5 (494.0)	146.8 (555.7)		
	2.000 (50.800)	4745 (327.2)	.2890 (1.0940)	72.3 (273.7)	86.7 (328.2)	101.2 (383.1)	115.6 (437.6)	130.1 (492.5)		
	1.875 (47.625)	5399 (372.2)	.2540 (.9615)	63.5 (240.4)	76.2 (288.4)	88.9 (336.5)	101.6 (384.6)	114.3 (432.7)		
	1.750 (44.450)	6198 (427.3)	.2213 (.8377)	55.3 (209.3)	66.4 (251.4)	77.4 (293.0)	88.5 (335.0)	99.6 (377.0)		
HP (Kilowatts) required @ RPM**				222.3 (165.8)	266.8 (199.0)	311.2 (232.1)	355.7 (265.2)	400.0 (298.3)		

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Pentair Myers Aplex MA Series

Built for heavy, continuous duty 24-hours per day, 365 days per year application. Designed to handle difficult applications. Available in configurations to comply with the Hydraulic Institute standards as well as API674 Standards.



Myers Aplex MA Series Features

- Flows up to 650 gpm (2461 lpm)
- Pressure ratings up to 5,000 psi (345 bar)
- Power ratings to 240 HP (179KW)
- Temperatures to 400° F (204° C)
- Metallurgies available are Ductile Iron, Aluminum Bronze, Carbon Steels and a variety of Stainless Steel

Myers Aplex MA Series Sizing Charts

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	650 RPM US gpm (lpm)			
MA-15M Triplex	1.625 (41.275)	881 (60.7)	.0404 (.1529)	10.1 (38.2)	14.1 (53.4)	18.2 (68.9)	22.2 (84.0)	26.3 (99.6)	Flows: 2 - 26 gpm (7.6 - 98.4 lpm) psi: 881 - 3040 (bar: 60.7 - 209.6) Stroke Length: 1.50 in. (38.10 mm) Weight: 235 lbs. (106.6 kg)	Max. HP 15 (11.2 kW)	
	1.500 (38.100)	1034 (71.3)	.0344 (.1302)	8.6 (32.6)	12.0 (45.4)	15.5 (58.7)	18.9 (71.5)	22.4 (84.8)			
	1.375 (34.925)	1231 (84.9)	.0289 (.1094)	7.2 (27.3)	10.1 (38.2)	13.0 (49.2)	15.9 (60.2)	18.8 (71.2)			
	1.250 (31.750)	1489 (102.7)	.0239 (.0905)	6.0 (22.7)	8.4 (31.8)	10.8 (40.9)	13.1 (49.6)	15.5 (58.7)			
	1.125 (28.575)	1839 (126.8)	.0194 (.0734)	4.8 (18.2)	6.8 (25.7)	8.7 (32.9)	10.7 (40.5)	12.6 (47.7)			
	1.000 (25.400)	2327 (160.4)	.0153 (.0579)	3.8 (14.4)	5.4 (20.4)	6.9 (26.1)	8.4 (31.8)	9.9 (37.5)			
	.875 (22.225)	3040 (209.6)	.0117 (.0443)	2.9 (11.0)	4.1 (15.5)	5.3 (20.1)	6.4 (24.2)	7.6 (28.8)			
HP (Kilowatts) required @ RPM**				5.8 (4.3)	8.1 (6.0)	10.4 (7.8)	12.7 (9.5)	15.0 (11.2)			
MA-15H Triplex	.750 (19.050)	5000 (344.7)	.0086 (.0326)	2.2 (8.3)	3.0 (11.4)	3.9 (14.8)	4.7 (17.8)	5.6 (21.2)	Flows: 2 - 5 gpm (7.6 - 18.9 lpm) psi: 5000 (bar: 344.7) Stroke Length: 1.50 in. (38.10 mm) Weight: 225 lbs. (102.1 kg)	Max. HP 18 (13.4 kW)	
	HP (Kilowatts) required @ RPM**				7.0 (5.2)	9.8 (7.3)	12.6 (9.4)	15.3 (11.4)			18.0 (13.4)
MA-25L Triplex	2.250 (57.150)	625 (43.1)	.1033 (.3910)	20.7 (78.4)	31.0 (117.3)	41.3 (156.3)	51.6 (195.3)	62.0 (234.7)	Flows: 16 - 62 gpm (60.6 - 234.7 lpm) psi: 625 - 789 (bar: 43.1 - 54.4) Stroke Length: 2.00 in. (50.80 mm) Weight: 455 lbs. (206.4 kg)	Max. HP 25 (18.6 kW)	
	2.125 (53.975)	700 (48.3)	.0921 (.3486)	18.4 (69.7)	27.6 (104.5)	36.8 (139.3)	46.1 (174.5)	55.3 (209.3)			
	2.000 (50.800)	789 (54.4)	.0816 (.3089)	16.3 (61.7)	24.5 (92.7)	32.6 (123.4)	40.8 (154.4)	49.0 (185.5)			
	HP (Kilowatts) required @ RPM**				8.4 (6.3)	12.6 (9.4)	16.7 (12.5)	20.9 (15.6)			25.0 (18.6)
MA-25M Triplex	1.875 (47.625)	896 (61.8)	.0717 (.2714)	14.3 (54.1)	21.5 (81.4)	28.7 (108.6)	35.9 (135.9)	43.0 (162.8)	Flows: 4 - 43 gpm (15.1 - 162.8 lpm) psi: 896 - 3151 (bar: 61.8 - 217.3) Stroke Length: 2.00 in. (50.80 mm) Weight: 430 lbs. (195.0 kg)	Max. HP 25 (18.6 kW)	
	1.750 (44.450)	1028 (70.9)	.0625 (.2366)	12.5 (47.3)	18.7 (70.8)	25.0 (94.6)	31.2 (118.1)	37.5 (142.0)			
	1.625 (41.275)	1193 (82.3)	.0539 (.2040)	10.8 (40.9)	16.2 (61.3)	21.5 (81.4)	26.9 (101.8)	32.3 (122.3)			
	1.500 (38.100)	1400 (96.5)	.0459 (.1738)	9.2 (34.8)	13.8 (52.2)	18.4 (69.7)	23.0 (87.1)	27.5 (104.1)			
	1.375 (34.925)	1666 (114.9)	.0386 (.1461)	7.7 (29.1)	11.6 (43.9)	15.4 (58.3)	19.3 (73.1)	23.1 (87.4)			
	1.250 (31.750)	2016 (139.0)	.0319 (.1208)	6.4 (24.2)	9.6 (36.3)	12.8 (48.5)	15.9 (60.2)	19.1 (72.3)			
	1.125 (28.575)	2490 (171.7)	.0258 (.0977)	5.2 (19.7)	7.7 (29.1)	10.3 (39.0)	12.9 (48.8)	15.5 (58.7)			
	1.000 (25.400)	3151 (217.3)	.0204 (.0772)	4.1 (15.5)	6.1 (23.1)	8.2 (31.0)	10.2 (38.6)	12.2 (46.2)			
HP (Kilowatts) required @ RPM**				8.3 (6.2)	12.5 (9.3)	16.7 (12.5)	20.8 (15.5)	25.0 (18.6)			
MA-25H Triplex	.875 (22.225)	4145 (285.8)	.0156 (.0591)	3.1 (11.7)	4.7 (17.8)	6.2 (23.5)	7.8 (29.5)	9.4 (35.6)	Flows: 2 - 9 gpm (7.6 - 34.1 lpm) psi: 4145 - 5000 (bar: 285.8 - 344.7) Stroke Length: 2.00 in. (50.80 mm) Weight: 455 lbs. (206.4 kg)	Max. HP 25 (18.6 kW)	
	.750 (19.050)	5000 (344.7)	.0115 (.0435)	2.3 (8.7)	3.4 (12.9)	4.6 (17.4)	5.7 (21.6)	6.9 (26.1)			
	HP (Kilowatts) required @ RPM**				8.3 (6.2)	12.6 (9.4)	16.8 (12.5)	21.0 (15.7)			25.0 (18.6)

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Myers Aplex MA Series Sizing Charts (Continued)

MA-40L Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 25 - 106 gpm (94.6 - 401.3 lpm) psi: 580 - 867 (bar: 40.0 - 59.8) Stroke Length: 2.50 in. (63.50 mm) Weight: 810 lbs. (367.4 kg)	Max. HP 40 (29.8 kW)
	2.750 (69.850)	580 (40.0)	.1928 (.7298)	38.6 (146.1)	48.2 (182.5)	67.5 (255.5)	86.8 (328.6)	106.1 (401.6)		
2.625 (66.675)	637 (43.9)	.1757 (.6651)	35.1 (132.9)	43.9 (166.2)	61.5 (232.8)	79.1 (299.4)	96.6 (365.7)			
2.500 (63.500)	703 (48.5)	.1594 (.6034)	31.9 (120.4)	39.8 (150.7)	55.8 (211.2)	71.7 (271.4)	87.7 (332.0)			
2.375 (60.325)	779 (53.7)	.1438 (.5443)	28.8 (109.0)	36.0 (136.3)	50.3 (190.4)	64.7 (244.9)	79.1 (299.4)			
2.250 (57.150)	867 (59.8)	.1291 (.4887)	25.8 (97.7)	32.3 (122.3)	45.2 (171.1)	58.1 (219.9)	71.0 (268.8)			
HP (Kilowatts) required @ RPM**				14.5 (10.8)	18.1 (13.5)	25.4 (18.9)	32.6 (24.3)	40.0 (29.8)		

MA-40M Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 6 - 71 gpm (22.7 - 268.8 lpm) psi: 867 - 3468 (bar: 59.8 - 239.1) Stroke Length: 2.50 in. (63.50 mm) Weight: 750 lbs. (340.2 kg)	Max. HP 40 (29.8 kW)
	2.250 (57.150)	867 (59.8)	.1291 (.4887)	25.8 (97.7)	32.3 (122.3)	45.2 (171.1)	58.1 (219.9)	71.0 (268.8)		
2.125 (53.975)	973 (67.1)	.1151 (.4357)	23.0 (87.1)	28.8 (109.0)	40.3 (152.3)	51.8 (196.1)	63.3 (239.6)			
2.000 (50.800)	1098 (75.7)	.1020 (.3861)	20.4 (77.2)	25.5 (96.5)	35.7 (135.1)	45.9 (173.8)	56.1 (212.4)			
1.875 (47.625)	1249 (86.1)	.0896 (.3392)	17.9 (67.8)	22.4 (84.8)	31.4 (118.9)	40.3 (152.6)	49.3 (186.6)			
1.750 (44.450)	1433 (98.8)	.0781 (.2956)	15.6 (59.1)	19.5 (73.8)	27.3 (103.3)	35.1 (132.9)	43.0 (162.8)			
1.625 (41.275)	1663 (114.7)	.0673 (.2548)	13.5 (51.1)	16.8 (63.6)	23.6 (89.3)	30.3 (114.7)	37.0 (140.1)			
1.500 (38.100)	1951 (134.5)	.0574 (.2173)	11.5 (43.5)	14.3 (54.1)	20.1 (76.1)	25.8 (97.7)	31.6 (119.6)			
1.375 (34.925)	2321 (160.0)	.0482 (.1825)	9.6 (36.3)	12.1 (45.8)	16.9 (64.0)	21.7 (82.1)	26.5 (100.3)			
1.250 (31.750)	2809 (193.7)	.0398 (.1507)	8.0 (30.3)	10.0 (37.9)	13.9 (52.6)	17.9 (67.8)	21.9 (82.9)			
1.125 (28.575)	3468 (239.1)	.0323 (.1223)	6.5 (24.6)	8.1 (30.7)	11.3 (42.8)	14.5 (54.9)	17.8 (67.4)			
HP (Kilowatts) required @ RPM**				14.5 (10.8)	18.1 (13.5)	25.4 (18.9)	32.7 (24.4)	40.0 (29.8)		

MA-40H Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 3 - 14 gpm (11.4 - 53.0 lpm) psi: 4392 - 5000 (bar: 302.8 - 344.7) Stroke Length: 2.50 in. (63.50 mm) Weight: 845 lbs. (383.3 kg)	Max. HP 40 (29.8 kW)
	1.000 (25.400)	4392 (302.8)	.0255 (.0965)	5.1 (19.3)	6.4 (24.2)	8.9 (33.7)	11.5 (43.5)	14.0 (53.0)		
.875 (22.225)	5000 (344.7)	.0195 (.0738)	3.9 (14.8)	4.9 (18.5)	6.8 (25.7)	8.8 (33.3)	10.7 (40.5)			
HP (Kilowatts) required @ RPM**				14.5 (10.8)	18.2 (13.6)	25.4 (18.9)	32.7 (24.4)	40.0 (29.8)		

MA-45M Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	Flows: 7 - 80 gpm (26.5 - 302.8 lpm) psi: 860 - 3024 (bar: 59.3 - 208.5) Stroke Length: 2.25 in. (57.15 mm) Weight: 710 lbs. (322.1 kg)	Max. HP 45 (33.6 kW)
	1.875 (47.625)	860 (59.3)	.1345 (.5091)	26.9 (101.8)	40.3 (152.6)	53.8 (203.7)	67.2 (254.4)	80.7 (305.5)		
1.750 (44.450)	988 (68.1)	.1171 (.4433)	23.4 (88.6)	35.1 (132.9)	46.9 (177.5)	58.6 (221.8)	70.3 (266.1)			
1.625 (41.275)	1146 (79.0)	.1010 (.3823)	20.2 (76.5)	30.3 (114.7)	40.4 (152.9)	50.5 (191.2)	60.6 (229.4)			
1.500 (38.100)	1344 (92.7)	.0861 (.3259)	17.2 (65.1)	25.8 (97.7)	34.4 (130.2)	43.0 (162.8)	51.6 (195.3)			
1.375 (34.925)	1600 (110.3)	.0723 (.2737)	14.5 (54.9)	21.7 (82.1)	28.9 (109.4)	36.2 (137.0)	43.4 (164.3)			
1.250 (31.750)	1936 (133.5)	.0598 (.2264)	12.0 (45.4)	17.9 (67.8)	23.9 (90.5)	29.9 (113.2)	35.9 (135.9)			
1.125 (28.575)	2390 (164.8)	.0484 (.1832)	9.7 (36.7)	14.5 (54.9)	19.4 (73.4)	24.2 (91.6)	29.0 (109.8)			
1.000 (25.400)	3024 (208.5)	.0383 (.1450)	7.7 (29.1)	11.5 (43.5)	15.3 (57.9)	19.1 (72.3)	23.0 (87.1)			
HP (Kilowatts) required @ RPM**				15.0 (11.2)	22.5 (16.8)	30.0 (22.4)	37.5 (28.0)	45.0 (33.6)		

MA-45H Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	600 RPM US gpm (lpm)	Flows: 4 - 23 gpm (15.1 - 87.1 lpm) psi: 3024 - 5000 (bar: 208.5 - 344.7) Stroke Length: 2.25 in. (57.15 mm) Weight: 720 lbs. (326.6 kg)	Max. HP 45 (33.6 kW)
	1.000 (25.400)	3024 (208.5)	.0383 (.1450)	7.6 (28.8)	11.5 (43.5)	15.3 (57.9)	19.1 (72.3)	23.0 (87.1)		
.875 (22.225)	3950 (272.3)	.0293 (.1109)	5.9 (22.3)	8.8 (33.3)	11.7 (44.3)	14.6 (55.3)	17.6 (66.6)			
.750 (19.050)	5000 (344.7)	.0215 (.0814)	4.3 (16.3)	6.5 (24.6)	8.6 (32.6)	10.8 (40.9)	12.9 (48.8)			
HP (Kilowatts) required @ RPM**				15.0 (11.2)	22.5 (16.8)	30.0 (22.4)	37.5 (28.0)	45.0 (33.6)		

MA-60M Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	500 RPM US gpm (lpm)	Flows: 17 - 126 gpm (64.4 - 477.0 lpm) psi: 732 - 3200 (bar: 50.5 - 220.6) Stroke Length: 3.00 in. (76.20 mm) Weight: 945 lbs. (428.6 kg)	Max. HP 60 (44.7 kW)
	2.500 (63.500)	968 (66.7)	.1913 (.7241)	57.4 (217.3)	66.9 (253.2)	76.5 (289.6)	86.1 (325.9)	95.6 (361.9)		
2.375 (60.325)	1073 (74.0)	.1726 (.6534)	51.8 (196.1)	60.4 (228.6)	69.0 (261.2)	77.7 (294.1)	86.3 (326.7)			
2.250 (57.150)	1195 (82.4)	.1549 (.5864)	46.5 (176.0)	54.2 (205.2)	62.0 (234.7)	69.7 (263.8)	77.5 (293.4)			
2.125 (53.975)	1340 (92.4)	.1382 (.5231)	41.5 (157.1)	48.4 (183.2)	55.3 (209.3)	62.2 (235.5)	69.1 (261.6)			
2.000 (50.800)	1513 (104.3)	.1224 (.4633)	36.7 (138.9)	42.8 (162.0)	49.0 (185.5)	55.1 (208.6)	61.2 (231.7)			
1.875 (47.625)	1721 (118.7)	.1076 (.4073)	32.3 (122.3)	37.7 (142.7)	43.0 (162.8)	48.4 (183.2)	53.8 (203.7)			
1.750 (44.450)	1976 (136.2)	.0937 (.3547)	28.1 (106.4)	32.8 (124.2)	37.5 (142.0)	42.2 (159.7)	46.9 (177.5)			
1.625 (41.275)	2291 (158.0)	.0808 (.3059)	24.2 (91.6)	28.3 (107.1)	32.3 (122.3)	36.4 (137.8)	40.4 (152.9)			
1.500 (38.100)	2689 (185.4)	.0689 (.2608)	20.7 (78.4)	24.1 (91.2)	27.5 (104.1)	31.0 (117.3)	34.4 (130.2)			
1.375 (34.925)	3200 (220.6)	.0579 (.2192)	17.4 (65.9)	20.2 (76.5)	23.1 (87.4)	26.0 (98.4)	28.9 (109.4)			
HP (Kilowatts) required @ RPM**				36.0 (26.8)	42.0 (31.1)	48.0 (36.0)	54.0 (40.3)	60.0 (44.7)		

*Displacement based on 100% volumetric efficiency **Power based on 90% mechanical efficiency

Myers Aplex MA Series Sizing Charts (Continued)

MA-60H Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	100 RPM US gpm (lpm)	200 RPM US gpm (lpm)	300 RPM US gpm (lpm)	400 RPM US gpm (lpm)	500 RPM US gpm (lpm)	Flows: 3 – 28 gpm (11.4 – 106.0 lpm) psi: 3200 – 5000 (bar: 220.6 – 344.7) Stroke Length: 3.00 in. (76.20 mm) Weight: 945 lbs. (428.6 kg)	Max. HP 60 (44.7 kW)
	1.375 (34.925)	3200 (220.6)	.0579 (.2192)	5.8 (22.0)	11.6 (43.9)	17.4 (65.9)	23.2 (87.8)	28.9 (109.4)		
	1.250 (31.750)	3872 (267.0)	.0478 (.1809)	4.8 (18.2)	9.6 (36.3)	14.3 (54.1)	19.2 (72.7)	23.9 (90.5)		
	1.125 (28.575)	4780 (329.6)	.0387 (.1465)	3.9 (14.8)	7.7 (29.1)	11.6 (43.9)	15.5 (58.7)	19.4 (73.4)		
	1.000 (25.400)	5000 (344.7)	.0306 (.1158)	3.1 (11.7)	6.1 (23.1)	9.2 (34.8)	12.2 (46.2)	15.3 (57.9)		
HP (Kilowatts) required @ RPM**				12.0 (8.9)	24.0 (17.9)	36.0 (26.8)	48.0 (35.8)	60.0 (44.7)		
MA-75L Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 47 – 194 gpm (177.9 – 734.4 lpm) psi: 595 – 889 (bar: 41.0 – 61.3) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,435 lbs. (650.9 kg)	Max. HP 75 (55.9 kW)
	2.750 (69.850)	595 (41.2)	.3535 (1.3381)	70.7 (267.6)	88.4 (334.6)	123.7 (468.3)	159.1 (602.3)	194.5 (736.3)		
	2.625 (66.675)	653 (45.0)	.3221 (1.2193)	64.4 (243.8)	80.5 (304.7)	112.7 (426.6)	145.0 (548.9)	177.2 (670.8)		
	2.500 (63.500)	720 (49.6)	.2922 (1.1061)	58.4 (221.1)	73.0 (276.3)	102.3 (387.2)	131.5 (497.8)	160.7 (608.3)		
	2.375 (60.325)	798 (55.0)	.2637 (.9982)	52.7 (199.5)	65.9 (249.5)	92.3 (349.4)	118.7 (449.3)	145.0 (548.9)		
2.250 (57.150)	889 (61.3)	.2367 (.8960)	47.3 (179.0)	59.2 (224.1)	82.8 (313.4)	106.5 (403.1)	130.2 (492.9)			
HP (Kilowatts) required @ RPM**				27.3 (20.4)	34.1 (25.4)	47.7 (35.6)	61.4 (45.8)	75.0 (55.9)		
MA-75M Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	200 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 11 – 130 gpm (41.6 – 492.1 lpm) psi: 889 – 3000 (bar: 61.3 – 206.8) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,270 lbs. (576.1 kg)	Max. HP 75 (55.9 kW)
	2.250 (57.150)	889 (61.3)	.2367 (.8960)	47.3 (179.0)	59.2 (224.1)	82.8 (313.4)	106.5 (403.1)	130.2 (492.9)		
	2.125 (53.975)	997 (68.7)	.2111 (.7991)	42.2 (159.7)	52.8 (199.9)	73.9 (279.7)	95.0 (359.6)	116.1 (439.5)		
	2.000 (50.800)	1125 (77.6)	.1870 (.7079)	37.4 (141.6)	46.8 (177.2)	65.5 (247.9)	84.2 (318.7)	102.9 (389.5)		
	1.875 (47.625)	1280 (88.3)	.1644 (.6223)	32.9 (124.5)	41.1 (155.6)	57.5 (217.7)	74.0 (280.1)	90.4 (342.2)		
	1.750 (44.450)	1468 (101.2)	.1432 (.5421)	28.6 (108.2)	35.8 (135.5)	50.1 (189.6)	64.4 (243.8)	78.7 (297.9)		
	1.625 (41.275)	1704 (117.5)	.1234 (.4671)	24.7 (93.5)	30.9 (117.0)	43.2 (163.5)	55.6 (210.5)	67.9 (257.0)		
	1.500 (38.100)	1998 (137.7)	.1052 (.3982)	21.0 (79.5)	26.3 (99.6)	36.8 (139.3)	47.3 (179.0)	57.9 (219.2)		
	1.375 (34.925)	2379 (164.0)	.0884 (.3346)	17.7 (67.0)	22.1 (83.7)	30.9 (117.0)	39.8 (150.7)	48.6 (184.0)		
1.250 (31.750)	2878 (198.4)	.0730 (.2763)	14.6 (55.3)	18.3 (69.3)	25.6 (96.9)	32.9 (124.5)	40.2 (152.2)			
1.125 (28.575)	3000 (206.8)	.0592 (.2241)	11.8 (44.7)	14.8 (56.0)	20.7 (78.4)	26.6 (100.7)	32.5 (123.0)			
HP (Kilowatts) required @ RPM**				27.3 (20.4)	34.1 (25.4)	47.8 (35.6)	61.4 (45.8)	75.0 (55.9)		
MA-75H Quintuplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	150 RPM US gpm (lpm)	250 RPM US gpm (lpm)	350 RPM US gpm (lpm)	450 RPM US gpm (lpm)	550 RPM US gpm (lpm)	Flows: 11 – 32 gpm (41.6 – 121.1 lpm) psi: 3553 – 5000 (bar: 245.0 – 344.7) Stroke Length: 2.75 in. (69.85 mm) Weight: 1,325 lbs. (601.0 kg)	Max. HP 75 (55.9 kW)
	1.125 (28.575)	3553 (245.0)	.0592 (.2241)	8.9 (33.7)	14.8 (56.0)	20.7 (78.4)	26.6 (100.7)	32.5 (123.0)		
	1.000 (25.400)	4497 (310.1)	.0468 (.1772)	7.0 (26.5)	11.7 (44.3)	16.4 (62.1)	21.0 (79.5)	25.7 (97.3)		
	.875 (22.225)	5000 (344.7)	.0358 (.1355)	5.4 (20.4)	8.9 (33.7)	12.5 (47.3)	16.1 (60.9)	19.7 (74.6)		
HP (Kilowatts) required @ RPM**				20.4 (15.2)	34.1 (25.4)	47.7 (35.6)	61.3 (45.7)	75.0 (55.9)		
MA-95L Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 46 – 224 gpm (174.1 – 847.9 lpm) psi: 650 – 1764 (bar: 44.8 – 121.6) Stroke Length: 4.00 in. (101.60 mm) Weight: 1,725 lbs. (782.4 kg)	Max. HP 95 (70.8 kW)
	3.500 (88.900)	650 (44.8)	.4998 (1.8919)	125.0 (473.2)	149.9 (567.4)	174.9 (662.1)	199.9 (756.7)	224.9 (851.3)		
	3.250 (82.550)	754 (52.0)	.4310 (1.6315)	107.7 (407.7)	129.3 (489.5)	150.8 (570.8)	172.4 (652.6)	193.9 (734.0)		
	3.000 (76.200)	884 (60.9)	.3672 (1.3900)	91.8 (347.5)	110.2 (417.2)	128.5 (486.4)	146.9 (556.1)	165.2 (625.4)		
	2.750 (69.850)	1053 (72.6)	.3086 (1.1682)	77.1 (291.9)	92.6 (350.5)	108.0 (408.8)	123.4 (467.1)	138.8 (525.4)		
	2.625 (66.675)	1156 (79.7)	.2811 (1.0641)	70.3 (266.1)	84.3 (319.1)	98.4 (372.5)	112.5 (425.9)	126.5 (478.9)		
	2.500 (63.500)	1274 (87.8)	.2550 (.9653)	63.8 (241.5)	76.5 (289.6)	89.3 (338.0)	102.0 (386.1)	114.8 (434.6)		
	2.375 (60.325)	1411 (97.3)	.2301 (.8710)	57.5 (217.7)	69.0 (261.2)	80.5 (304.7)	92.1 (348.6)	103.6 (392.2)		
	2.250 (57.150)	1572 (108.4)	.2066 (.7821)	51.6 (195.3)	62.0 (234.7)	72.3 (273.7)	82.6 (312.7)	92.9 (351.7)		
2.125 (53.975)	1764 (121.6)	.1842 (.6973)	46.1 (174.5)	55.3 (209.3)	64.5 (244.2)	73.7 (279.0)	82.9 (313.8)			
HP (Kilowatts) required @ RPM**				52.7 (39.3)	63.2 (47.1)	73.7 (55.0)	84.3 (62.9)	95.0 (70.8)		
MA-95M Triplex	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)	Flows: 19 – 92 gpm (71.9 – 348.3 lpm) psi: 1572 – 3600 (bar: 108.4 – 248.2) Stroke Length: 4.00 in. (101.60 mm) Weight: 1,600 lbs. (725.7 kg)	Max. HP 95 (70.8 kW)
	2.250 (57.150)	1572 (108.4)	.2066 (.7821)	51.6 (195.3)	62.0 (234.7)	72.3 (273.7)	82.6 (312.7)	92.9 (351.7)		
	2.125 (53.975)	1763 (121.6)	.1842 (.6973)	46.1 (174.5)	55.3 (209.3)	64.5 (244.2)	73.7 (279.0)	82.9 (313.8)		
	2.000 (50.800)	1992 (137.3)	.1632 (.6178)	40.8 (154.4)	49.0 (185.5)	57.1 (216.1)	65.3 (247.2)	73.4 (277.8)		
	1.875 (47.625)	2265 (156.2)	.1434 (.5428)	35.9 (135.9)	43.0 (162.8)	50.2 (190.0)	57.4 (217.3)	65.5 (247.9)		
	1.750 (44.450)	2600 (179.3)	.1250 (.4732)	31.2 (118.1)	37.5 (142.0)	43.7 (165.4)	50.0 (189.3)	56.2 (212.7)		
	1.625 (41.275)	3016 (207.9)	.1077 (.4077)	26.9 (101.8)	32.3 (122.3)	37.7 (142.7)	43.1 (163.2)	48.5 (183.6)		
	1.500 (38.100)	3250 (224.1)	.0918 (.3475)	23.0 (87.1)	27.5 (104.1)	32.1 (121.5)	36.7 (138.9)	41.3 (156.3)		
1.375 (34.925)	3600 (248.2)	.0771 (.2919)	19.3 (73.1)	23.1 (87.4)	27.0 (102.2)	30.9 (117.0)	34.7 (131.4)			
HP (Kilowatts) required @ RPM**				52.6 (39.2)	63.2 (47.1)	73.7 (55.0)	84.2 (62.8)	95.0 (70.8)		

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Myers Aplex MA Series Sizing Charts (Continued)

Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
3.500 (88.900)	775 (53.4)	.5310 (2.0101)	132.8 (502.7)	159.3 (603.0)	185.9 (703.7)	212.4 (804.0)	239.0 (904.7)	Flows: 61 – 239 gpm (230.9 – 904.7 lpm) psi: 775 – 1682 (bar: 53.4 – 116.0) Stroke Length: 4.25 in. (107.95 mm) Weight: 2,050 lbs. (929.9 kg)	Max. HP 120 (89.5 kW)
3.375 (85.725)	833 (57.4)	.4938 (1.8692)	123.4 (467.1)	148.1 (560.6)	172.8 (654.1)	197.5 (747.6)	222.2 (841.1)		
3.250 (82.550)	898 (61.9)	.4579 (1.7333)	114.5 (433.4)	137.4 (520.1)	160.3 (606.8)	183.2 (693.5)	206.0 (779.8)		
3.125 (79.375)	971 (66.9)	.4233 (1.6024)	105.8 (400.5)	127.0 (480.7)	148.2 (561.0)	169.3 (640.9)	190.5 (721.1)		
3.000 (76.200)	1054 (72.7)	.3902 (1.4771)	97.5 (369.1)	117.0 (442.9)	136.6 (517.1)	156.1 (590.9)	175.6 (664.7)		
2.875 (73.025)	1148 (79.2)	.3583 (1.3563)	89.6 (339.2)	107.5 (406.9)	125.4 (474.7)	143.3 (542.4)	161.2 (610.2)		
2.750 (69.850)	1254 (86.5)	.3278 (1.2409)	82.0 (310.4)	98.4 (372.5)	114.7 (434.2)	131.1 (496.3)	147.5 (558.3)		
2.625 (66.675)	1377 (94.9)	.2987 (1.1307)	74.7 (282.8)	89.6 (339.2)	104.5 (395.6)	119.5 (452.4)	134.4 (508.8)		
2.500 (63.500)	1518 (104.7)	.2709 (1.0255)	67.7 (256.3)	81.3 (307.8)	94.8 (358.9)	108.4 (410.3)	121.9 (461.4)		
2.375 (60.325)	1682 (116.0)	.2445 (.9255)	61.1 (231.3)	73.4 (277.8)	85.6 (324.0)	97.8 (370.2)	110.0 (416.4)		
HP (Kilowatts) required @ RPM**			66.7 (49.7)	80.1 (59.7)	93.4 (69.6)	106.8 (79.6)	120.0 (89.5)		
2.250 (57.150)	1873 (129.1)	.2195 (.8309)	54.9 (207.8)	65.8 (249.1)	76.8 (290.7)	87.8 (332.4)	98.8 (374.0)	Flows: 24 – 98 gpm (90.8 – 371.0 lpm) psi: 1873 – 3600 (bar: 129.1 – 248.2) Stroke Length: 4.25 in. (107.95 mm) Weight: 1,950 lbs. (884.5 kg)	Max. HP 120 (89.5 kW)
2.125 (53.975)	2100 (144.8)	.1958 (.7412)	48.9 (185.1)	58.7 (222.2)	68.5 (259.3)	78.3 (296.4)	88.1 (333.5)		
2.000 (50.800)	2371 (163.5)	.1734 (.6564)	43.4 (164.3)	52.0 (196.8)	60.7 (229.8)	69.4 (262.7)	78.0 (295.3)		
1.875 (47.625)	2697 (186.0)	.1524 (.5769)	38.1 (144.2)	45.7 (173.0)	53.3 (201.8)	61.0 (230.9)	68.6 (259.7)		
1.750 (44.450)	3097 (213.5)	.1328 (.5027)	33.2 (125.7)	39.8 (150.7)	46.5 (176.0)	53.1 (201.0)	59.7 (226.0)		
1.625 (41.275)	3250 (224.1)	.1145 (.4334)	28.6 (108.3)	34.3 (129.8)	40.1 (151.8)	45.8 (173.4)	51.5 (194.9)		
1.500 (38.100)	3600 (248.2)	.0975 (.3691)	24.4 (92.4)	29.3 (110.9)	34.1 (129.1)	39.0 (147.6)	43.9 (166.2)		
HP (Kilowatts) required @ RPM**			66.6 (49.7)	80.0 (59.7)	93.3 (69.6)	106.6 (79.5)	120.0 (89.5)		
2.000 (50.800)	2284 (157.5)	.1734 (.6564)	43.4 (164.3)	52.0 (196.8)	60.7 (229.8)	69.4 (262.7)	78.0 (295.3)	Flows: 20 – 78 gpm (75.7 – 295.3 lpm) psi: 2284 – 5016 (bar: 157.5 – 345.8) Stroke Length: 4.25 in. (107.95 mm) Weight: 2,050 lbs. (929.9 kg)	Max. HP 120 (89.5 kW)
1.875 (47.625)	2397 (165.3)	.1524 (.5769)	38.1 (144.2)	45.7 (173.0)	53.3 (201.8)	61.0 (230.9)	68.6 (259.7)		
1.750 (44.450)	3097 (213.5)	.1328 (.5027)	33.2 (125.7)	39.8 (150.7)	46.5 (176.0)	53.1 (201.0)	59.7 (226.0)		
1.625 (41.275)	3592 (247.7)	.1145 (.4334)	28.6 (108.3)	34.3 (129.8)	40.1 (151.8)	45.8 (173.4)	51.5 (194.9)		
1.500 (38.100)	4215 (290.6)	.0975 (.3691)	24.4 (92.4)	29.3 (110.9)	34.1 (129.1)	39.0 (147.6)	43.9 (166.2)		
1.375 (34.925)	5016 (345.8)	.0820 (.3104)	20.5 (77.6)	24.6 (93.1)	28.7 (108.6)	32.8 (124.2)	36.9 (139.7)		
HP (Kilowatts) required @ RPM**			64.2 (47.9)	77.1 (57.5)	89.9 (67.0)	102.7 (76.6)	120.0 (89.5)		
4.000 (101.600)	724 (49.9)	.7344 (2.7800)	183.6 (695.0)	220.3 (833.9)	257.0 (972.9)	293.8 (1112.2)	330.5 (1251.1)	Flows: 94 – 330 gpm (355.8 – 1249.2 lpm) psi: 724 – 1400 (bar: 49.9 – 96.5) Stroke Length: 4.50 in. (114.30 mm) Weight: 2,680 lbs. (1,215.6 kg)	Max. HP 155 (115.6 kW)
3.875 (98.425)	771 (53.2)	.6892 (2.6089)	172.3 (652.2)	206.8 (782.8)	241.2 (913.0)	275.7 (1043.6)	310.1 (1173.9)		
3.750 (95.250)	823 (56.7)	.6455 (2.4435)	161.4 (611.0)	193.6 (732.9)	225.9 (855.1)	258.2 (977.4)	290.5 (1099.7)		
3.625 (92.075)	881 (60.7)	.6032 (2.2834)	150.8 (570.8)	180.9 (684.8)	211.1 (799.1)	241.3 (913.4)	271.4 (1027.4)		
3.500 (88.900)	945 (65.2)	.5623 (2.1285)	140.6 (532.2)	168.7 (638.6)	196.8 (745.0)	224.9 (851.3)	253.0 (957.7)		
3.375 (85.725)	1016 (70.1)	.5228 (1.9790)	130.7 (494.8)	156.8 (593.6)	183.0 (692.7)	209.1 (791.5)	235.3 (890.7)		
3.250 (82.550)	1096 (75.6)	.4848 (1.8352)	121.2 (458.8)	145.4 (550.4)	169.7 (642.4)	193.9 (734.0)	218.2 (826.0)		
3.125 (79.375)	1185 (81.7)	.4482 (1.6966)	112.1 (424.3)	134.5 (509.1)	156.9 (593.9)	179.3 (678.7)	201.7 (763.5)		
3.000 (76.200)	1285 (88.6)	.4131 (1.5638)	103.3 (391.0)	123.9 (469.0)	144.6 (547.4)	165.2 (625.4)	185.9 (703.7)		
2.875 (73.025)	1400 (96.5)	.3794 (1.4362)	94.8 (358.9)	113.8 (430.8)	132.8 (502.7)	151.8 (576.6)	170.7 (646.2)		
HP (Kilowatts) required @ RPM**			86.2 (64.3)	103.4 (77.1)	120.7 (90.0)	137.9 (102.8)	155.0 (115.6)		
2.750 (69.850)	1530 (105.5)	.3471 (1.3139)	86.8 (328.6)	104.1 (394.1)	121.5 (459.9)	138.8 (525.4)	156.2 (591.3)	Flows: 35 – 156 gpm (132.5 – 590.5 lpm) psi: 1530 – 3600 (bar: 105.5 – 248.2) Stroke Length: 4.50 in. (114.30 mm) Weight: 2,680 lbs. (1,215.6 kg)	Max. HP 155 (115.6 kW)
2.625 (66.675)	1679 (115.8)	.3163 (1.1973)	79.1 (299.4)	94.9 (359.2)	110.7 (419.0)	126.5 (479.0)	142.3 (538.7)		
2.500 (63.500)	1852 (127.7)	.2869 (1.0860)	71.7 (271.4)	86.1 (325.9)	100.4 (380.1)	114.8 (434.6)	129.1 (488.7)		
2.375 (60.325)	2051 (141.4)	.2589 (1.0000)	64.7 (244.9)	77.7 (294.1)	90.6 (343.0)	103.6 (392.2)	116.5 (441.0)		
2.250 (57.150)	2286 (157.6)	.2324 (.8797)	58.1 (219.9)	69.7 (263.8)	81.3 (308.0)	92.9 (351.7)	104.6 (396.0)		
2.125 (53.975)	2562 (176.6)	.2073 (.7847)	51.8 (196.1)	62.2 (235.5)	72.5 (274.4)	82.9 (313.8)	93.3 (353.2)		
2.000 (50.800)	2892 (199.4)	.1836 (.6950)	45.9 (173.8)	55.1 (208.6)	64.3 (243.4)	73.4 (277.8)	82.6 (312.7)		
1.875 (47.625)	3291 (226.9)	.1614 (.6111)	40.3 (152.6)	48.4 (183.2)	56.5 (214.0)	64.5 (244.2)	72.6 (274.8)		
1.750 (44.450)	3600 (248.2)	.1406 (.5322)	35.1 (132.9)	42.2 (159.7)	49.2 (186.2)	56.2 (212.7)	63.3 (239.6)		
HP (Kilowatts) required @ RPM**			86.1 (64.2)	103.3 (77.0)	120.5 (89.9)	137.8 (102.8)	155.0 (115.6)		

*Displacement based on 100% volumetric efficiency **Power based on 90% mechanical efficiency

Myers Aplex MA Series Sizing Charts (Continued)

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
MA-155H Triplex	1.875 (47.625)	3289 (226.8)	.1614 (.6111)	40.3 (152.6)	48.4 (183.2)	56.5 (213.9)	64.5 (244.2)	72.6 (274.8)	Flows: 25 – 72 gpm (94.6 – 272.5 lpm) psi: 3289 – 5000 (bar: 226.8 – 344.7) Stroke Length: 4.50 in. (114.30 mm) Weight: 2,935 lbs. (1,331.3 kg)	Max. HP 155 (115.6 kW)
	1.750 (44.450)	3776 (260.3)	.1406 (.5322)	35.1 (132.9)	42.2 (159.7)	49.2 (186.2)	56.2 (212.7)	63.3 (239.6)		
	1.625 (41.275)	4379 (301.9)	.1212 (.4588)	30.3 (114.7)	36.4 (137.8)	42.4 (160.5)	48.5 (183.6)	54.5 (206.3)		
	1.500 (38.100)	5000 (344.7)	.1033 (.3910)	25.8 (97.7)	31.0 (117.3)	36.1 (136.7)	41.3 (156.3)	46.5 (176.0)		
HP (Kilowatts) required @ RPM**				86.0 (64.1)	103.3 (77.0)	120.5 (89.9)	137.7 (102.7)	155.0 (115.6)		

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
MA-240K Quintuplex	4.500 (114.300)	562 (38.7)	1.4631 (5.5384)	365.8 (1384.7)	438.9 (1661.4)	512.1 (1938.5)	585.2 (2215.2)	658.4 (2492.3)	Flows: 221 – 658 gpm (836.6 – 2490.8 lpm) psi: 562 – 929 (bar: 38.7 – 64.1) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,240 lbs. (1,469.6 kg)	Max. HP 240 (179.0 kW)
	4.375 (111.125)	595 (41.0)	1.3829 (5.2348)	345.7 (1308.6)	414.9 (1570.6)	484.0 (1832.1)	553.2 (2094.1)	622.3 (2355.7)		
	4.250 (107.950)	629 (43.4)	1.3050 (4.9400)	326.3 (1235.2)	391.5 (1482.0)	456.8 (1729.2)	522.0 (1976.0)	587.3 (2223.2)		
	4.125 (104.775)	669 (46.1)	1.2294 (4.6538)	307.3 (1163.3)	368.8 (1396.1)	430.3 (1628.9)	491.8 (1861.7)	553.3 (2094.5)		
	4.000 (101.600)	711 (49.0)	1.1560 (4.3759)	289.0 (1094.0)	346.8 (1312.8)	404.6 (1531.6)	462.4 (1750.4)	520.2 (1969.2)		
	3.875 (98.425)	758 (52.3)	1.0849 (4.1068)	271.2 (1026.6)	325.5 (1232.2)	379.7 (1437.3)	434.0 (1642.9)	488.2 (1848.0)		
	3.750 (95.250)	809 (55.8)	1.0160 (3.8460)	254.0 (961.5)	304.8 (1153.8)	355.6 (1346.1)	406.4 (1538.4)	457.2 (1730.7)		
	3.625 (92.075)	866 (59.7)	.9494 (3.5939)	237.4 (898.7)	284.8 (1078.1)	332.3 (1257.9)	379.8 (1437.7)	427.2 (1617.1)		
	3.500 (88.900)	929 (64.1)	.8851 (3.3505)	221.3 (837.7)	265.5 (1005.0)	309.8 (1172.7)	354.0 (1340.0)	398.3 (1507.7)		
HP (Kilowatts) required @ RPM**				133.3 (99.4)	160.0 (119.3)	186.6 (139.1)	213.3 (159.1)	240.0 (179.0)		

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
MA-240L Quintuplex	3.500 (88.900)	930 (64.1)	.8851 (3.3505)	221.3 (837.7)	265.5 (1005.0)	309.8 (1172.7)	354.0 (1340.0)	398.3 (1507.7)	Flows: 101 – 398 gpm (382.3 – 1506.6 lpm) psi: 930 – 2020 (bar: 64.1 – 139.3) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,240 lbs. (1,469.6 kg)	Max. HP 240 (179.0 kW)
	3.375 (85.725)	1000 (68.9)	.8230 (3.1154)	205.7 (778.7)	246.9 (934.6)	288.0 (1090.2)	329.2 (1246.2)	370.3 (1401.7)		
	3.250 (82.550)	1079 (74.4)	.7631 (2.8886)	190.8 (722.3)	228.9 (866.5)	267.1 (1011.1)	305.3 (1155.7)	343.4 (1299.9)		
	3.125 (79.375)	1166 (80.4)	.7056 (2.6710)	176.4 (667.7)	211.7 (801.4)	246.9 (934.6)	282.2 (1068.2)	317.5 (1201.9)		
	3.000 (76.200)	1266 (87.3)	.6503 (2.4617)	162.6 (615.5)	195.1 (738.5)	227.6 (861.6)	260.1 (984.6)	292.6 (1107.6)		
	2.875 (73.025)	1376 (94.9)	.5972 (2.2606)	149.3 (565.2)	179.2 (678.3)	209.0 (791.2)	238.9 (904.3)	268.7 (1017.1)		
	2.750 (69.850)	1506 (103.8)	.5464 (2.0683)	136.6 (517.1)	163.9 (620.4)	191.2 (723.8)	218.6 (827.5)	245.9 (930.8)		
	2.625 (66.675)	1652 (113.9)	.4978 (1.8844)	124.5 (471.3)	149.4 (565.5)	174.2 (659.4)	199.1 (753.7)	224.0 (847.9)		
	2.500 (63.500)	1823 (125.7)	.4516 (1.7095)	112.9 (427.4)	135.5 (512.9)	158.0 (598.1)	180.6 (683.6)	203.2 (769.2)		
	2.375 (60.325)	2020 (139.3)	.4075 (1.5426)	101.9 (385.7)	122.3 (463.0)	142.6 (539.8)	163.0 (617.0)	183.4 (694.2)		
HP (Kilowatts) required @ RPM**				133.4 (99.5)	160.1 (119.4)	186.8 (139.3)	213.5 (159.2)	240.0 (179.0)		

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
MA-240M Quintuplex	2.250 (57.150)	2248 (155.0)	.3658 (1.3847)	91.4 (346.0)	109.7 (415.3)	128.0 (484.5)	146.3 (553.8)	164.6 (623.1)	Flow 55.3 – 164.6 gpm (209.3 – 623.1 lpm) psi: 2248 – 3600 (bar: 155.0 – 248.2) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,580 lbs. (1,623.9 kg)	Max. HP 240 (179.0 kW)
	2.125 (53.975)	2520 (173.7)	.3263 (1.2352)	81.6 (308.9)	97.9 (370.6)	114.2 (432.3)	130.5 (494.0)	146.8 (555.7)		
	2.000 (50.800)	2845 (196.2)	.2890 (1.0940)	72.3 (273.7)	86.7 (328.2)	101.2 (383.1)	115.6 (437.6)	130.1 (492.5)		
	1.875 (47.625)	3237 (223.2)	.2540 (.9615)	63.5 (240.4)	76.2 (288.4)	88.9 (336.5)	101.6 (384.6)	114.3 (432.7)		
	1.750 (44.450)	3600 (248.2)	.2213 (.8377)	55.3 (209.3)	66.4 (251.4)	77.4 (293.0)	88.5 (335.0)	99.6 (377.0)		
HP (Kilowatts) required @ RPM**				133.3 (99.4)	160.0 (119.3)	186.6 (139.1)	213.3 (159.1)	240.0 (179.0)		

	Plunger Size in. (mm)	Max. psi (bar)	*Gallon (Liter) Per/Rev	250 RPM US gpm (lpm)	300 RPM US gpm (lpm)	350 RPM US gpm (lpm)	400 RPM US gpm (lpm)	450 RPM US gpm (lpm)		
MA-240H Quintuplex	1.875 (47.625)	3237 (223.2)	.2540 (.9615)	63.5 (240.4)	76.2 (288.4)	88.9 (336.5)	101.6 (384.6)	114.3 (432.7)	Flows: 40 – 114 gpm (151.4 – 431.5 lpm) psi: 3237 – 5000 (bar: 223.2 – 344.7) Stroke Length: 4.25 in. (107.95 mm) Weight: 3,240 lbs. (1,469.6 kg)	Max. HP 240 (179.0 kW)
	1.750 (44.450)	3716 (256.2)	.2213 (.8377)	55.3 (209.3)	66.4 (251.4)	77.4 (293.0)	88.5 (335.0)	99.6 (377.0)		
	1.625 (41.275)	4309 (297.1)	.1908 (.7223)	47.7 (180.6)	57.2 (216.5)	66.8 (252.9)	76.3 (288.8)	85.9 (325.2)		
	1.500 (38.100)	5000 (344.7)	.1626 (.6155)	40.6 (153.7)	48.8 (184.7)	56.9 (215.4)	65.0 (246.1)	73.2 (277.1)		
HP (Kilowatts) required @ RPM**				133.3 (99.4)	160.0 (119.3)	186.6 (139.1)	213.3 (159.1)	240.0 (179.0)		

*Displacement based on 100% volumetric efficiency

**Power based on 90% mechanical efficiency

Accessories

Regulators

- Handle capacities from 5 – 210 gpm (19 – 795 lpm)
- Pressures from 50 – 5,500 psi (3 – 379 bar)
- Ductile iron body



Planetary Shaft Adapter

- SAE adapter to provide shaft input for planetary gear boxes for inline motor drives



Pulsation Equipment

- Suction and discharge
- Available up to 1,200 cu. in. (19,665 cu. cm)
- Flanged or threaded
- Replacement cartridges available
- Nitrile, EPDM, or TEF encapsulated
- Carbon steel, plastic coated, and 316 stainless steel



Pulsation Equipment

- Capacities from 10 – 20 gpm (38 – 78 lpm)
- Pressures to 1,500 psi (103 bar)
- Carbon steel body with butyl rubber, SS and acetal internal components



Pentair Aurora® End Suction Pumps, including the 3550 Series ANSI pumps, make excellent charge pumps to help ensure proper suction condition requirements are met for best performance and longest operating life of the Pentair Myers and Pentair Myers Aplex Reciprocating Pumps.

Bypass Relief Valve

- Flows from 5 – 210 gpm (19 – 795 lpm)
- Pressures 50 – 5,500 psi (3 – 379 bar)
- Aluminum bronze body with 316 stainless steel internal components



Force Feed Packing Lubricator

- Feeds for liquids requiring additional lubrication, such as; liquid propane, methanol, dry liquids or liquids with dried pumpage needing dissolved or flushed



Pentair® Myers® Aplex™ Series Tools

- Patented valve puller
- Gland wrench
- Cage wrench



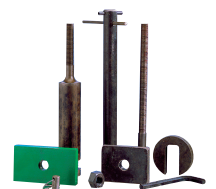
Planetary Gear

- Various ratios and HP ratings for Aplex pumps to fit your application



Pentair Myers Valve Pullers, Cylinder Puller

- Tools to assist in removal of valves or cylinders
- Packing removal tool





1101 Myers Parkway
Ashland, OH 44805
USA
PH: 888.416.9513

490 Pinebush Road
Unit 4
Cambridge, Ontario N1T 0A5
Canada
PH: 800.387.4386
FX: 888.606.5484

[pentair.com](https://www.pentair.com)

Pentair trademarks and logos are owned by Pentair or its affiliates. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

Rokide is a registered trademark of the Saint-Gobain Group.