

LEFOO

PUMPS



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LEFOO INDUSTRIAL CO., LTD.

DC Diaphragm
Booster Pumps

AC Diaphragm
Booster Pumps

Brushless Diaphragm
Booster Pumps



Product Catalog

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ABOUT LEFOO

COMPANY PROFILE

LEFOO was founded in 2000, which is a National High-tech Enterprise of R&D, manufacturing, and sales.

LEFOO has been awarded "Little Giant" firms and "Specialized and Sophisticated Enterprises" by the Ministry of Industry and Information Technology of the People's Republic of China. LEFOO is a group company with 3 subsidiary corporations, LEFOO Industrial Co., Ltd, LEFOO Controls Co., Ltd, and Zhejiang LEFOO Sensing Technology Co., Ltd. LEFOO is committed to become the leading and world-class enterprise in R&D and manufacturing to supply professional water pumps, mechanical structure controls, electronic digital sensing controls, which can be widely used in water purification, water treatment, home appliances, drink and beverage, environmental control, mechanical equipment, intelligent equipment, medical, power, Internet of things, and other industrial fields.

LEFOO already passed international management system certifications of ISO9001, ISO16949, ISO45001, ISO14001, and LEFOO has passed many product certifications of CE, RoHS, FDA, NSF, UL, CSA, 3C that authorized by TUV and SGS. LEFOO has more than 130 patents in total, includes 9 patents for invention. Over the past 20 years, LEFOO's market throughout more than 80 countries and regions in North America, South America, Europe, Asia, Africa, and Australia. As a professional and trustworthy supplier, LEFOO has cooperated and established strategic partnership with many great companies, Fortune Global 500, and world-famous brands.

"Quality & Service First, Focus on Technology & Innovation", adhering to this philosophy, LEFOO will continue to do best to meet the growing market requirements, provide advanced, reliable and exquisite products and service to all of customers.

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1 Mechanical Pressure Control R&D Center

- Mechanical structure control class
- ↳ Widely used in HVAC, building automation, water treatment systems, household appliances, industrial automation and many other fields.



2 Digital Sensing Control R&D Center

- Digital sensing control
- ↳ Widely used in water treatment system, pump control, environmental control, intelligent equipment, and other fields.



3 Fluid Mechanics R&D Center

- Water pumps
- ↳ Widely used in water purification system, drinking water filtration system, RO purifier, water dispenser, sparkling water machine, soda machine, water cooler dispenser, beverage dispenser, home appliances, water circulation system, misting system, and other fields.



DC —

DIAPHRAGM BOOSTER PUMP

SERIES 1

Diaphragm pumps are a type of positive displacement pump. Diaphragm diaphragm serves to isolate the transport medium and the power end (motor). The diaphragm plays the role of sealing protection, while the diaphragm regular movement of the diaphragm to change the volume of the studio so as to suck and discharge liquid to achieve liquid and pressurization of the liquid.

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 Certification CE, RoHS, REACH, certifications	 High Strength High strength plastic and metal materials
 Food Safety All parts contact with water are complies with FDA, NSF, or EU food grade	 High Performance Motors Low noise, low vibration, strong power
 High Stability Large water flow, compact size, stable pressure, long service life	 100% Quality Control 100% quality control for whole production process



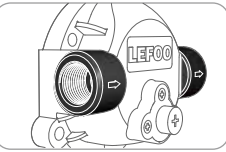
- Diaphragm booster pumps can be used in water purification system, drinking water filtration system, RO purifier, water dispenser, sparking water machine, soda machine, water cooler dispenser, beverage dispenser, home appliances, laboratory or medical water purification system, water circulation system, misting system, low pressure cleaning equipment, etc.
- Strong power DC motor, DC optional with 12V, 24V or 36V. All pure copper wire wound rotor structure, load resistance, high temperature stability. A variety of connection options are available.

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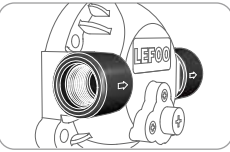
LFP50 SERIES

Diaphragm Booster Pump

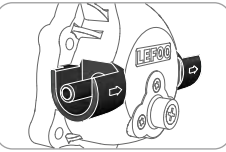
Connection



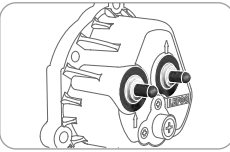
(3/8"NPT)



(3/8"NPT"O")



(1/4" Male quick connector)



(1/4" Top female quick connector)



Product Specifications

① Self-priming type

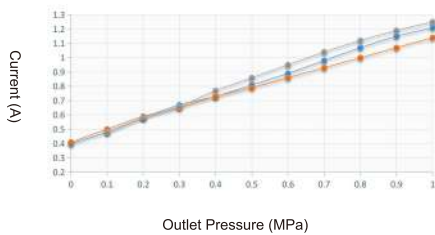
Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1050ES	24V DC	0MPa	0.5MPa	≤1.0A	≥650mL/min	≥900mL/min	0.8-1.0MPa	≤1.4A	≥2.0m
LFP1050JS				≤1.2A		≥1000mL/min		≤1.55A	≥3.0m
LFP1050S						≥1100mL/min			

② Normal type

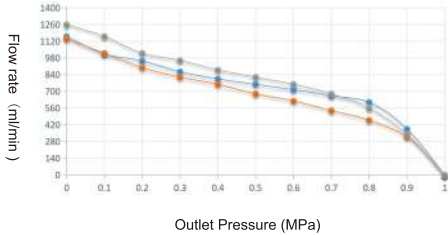
Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height		
LFP1050E	24V DC	0.2MPa	0.5MPa	≤0.8A	≥600mL/min	≥1600mL/min	0.8-1.0MPa	≤1.1A	/		
LFP1050J				≤0.7A				≤1.0A			
LFP1050W-P											
LFP1050W											

Flow Curve

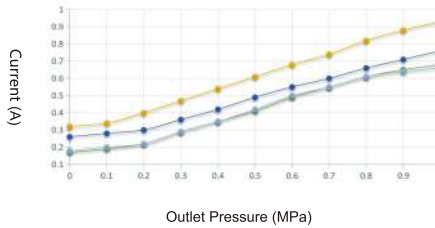
Self-priming Type - Line chart of pressure and current



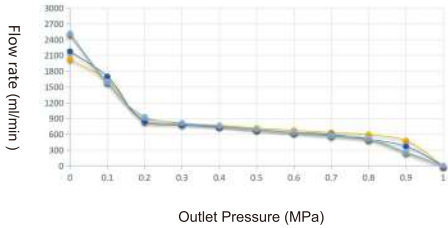
Self-priming Type - Line chart of pressure and flow rate



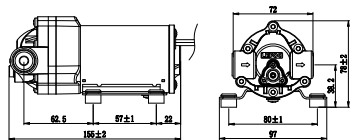
Normal Type - Line chart of pressure and current



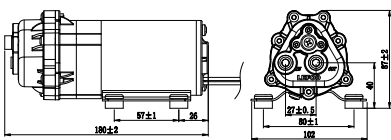
Normal Type - Line chart of pressure and flow rate



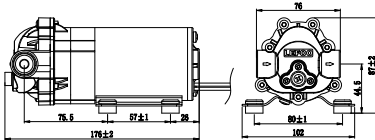
Mounting Dimension: mm



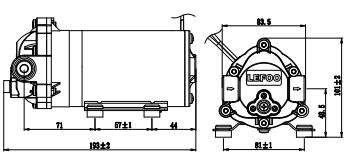
LFP1050E、LFP1050ES (3/8"NPT)



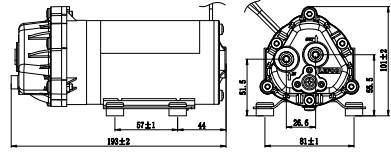
LFP1050J (1/4"TOP FEMALE QUICK CONNECTOR)



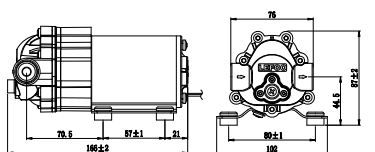
LFP1050J (3/8"NPT)



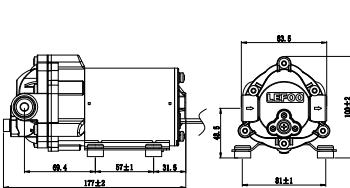
LFP1050W (3/8"NPT)



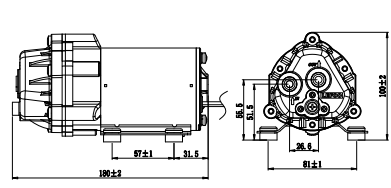
LFP1050W (1/4"TOP FEMALE QUICK CONNECTOR)



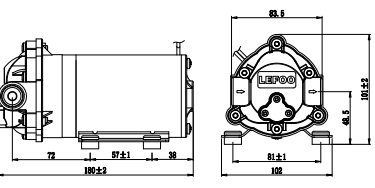
LFP1050JS (3/8"NPT)



LFP1050W-P (3/8"NPT)



LFP1050W-P (1/4"TOP FEMALE QUICK CONNECTOR)

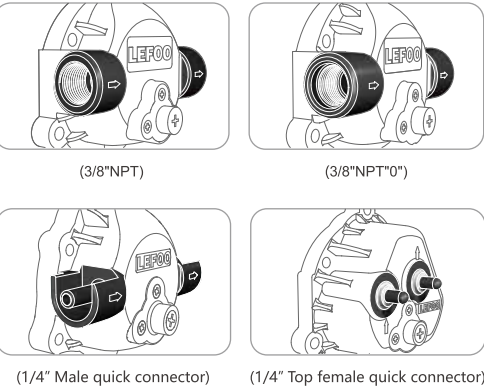


LFP1050S (3/8"NPT)

LFP75 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

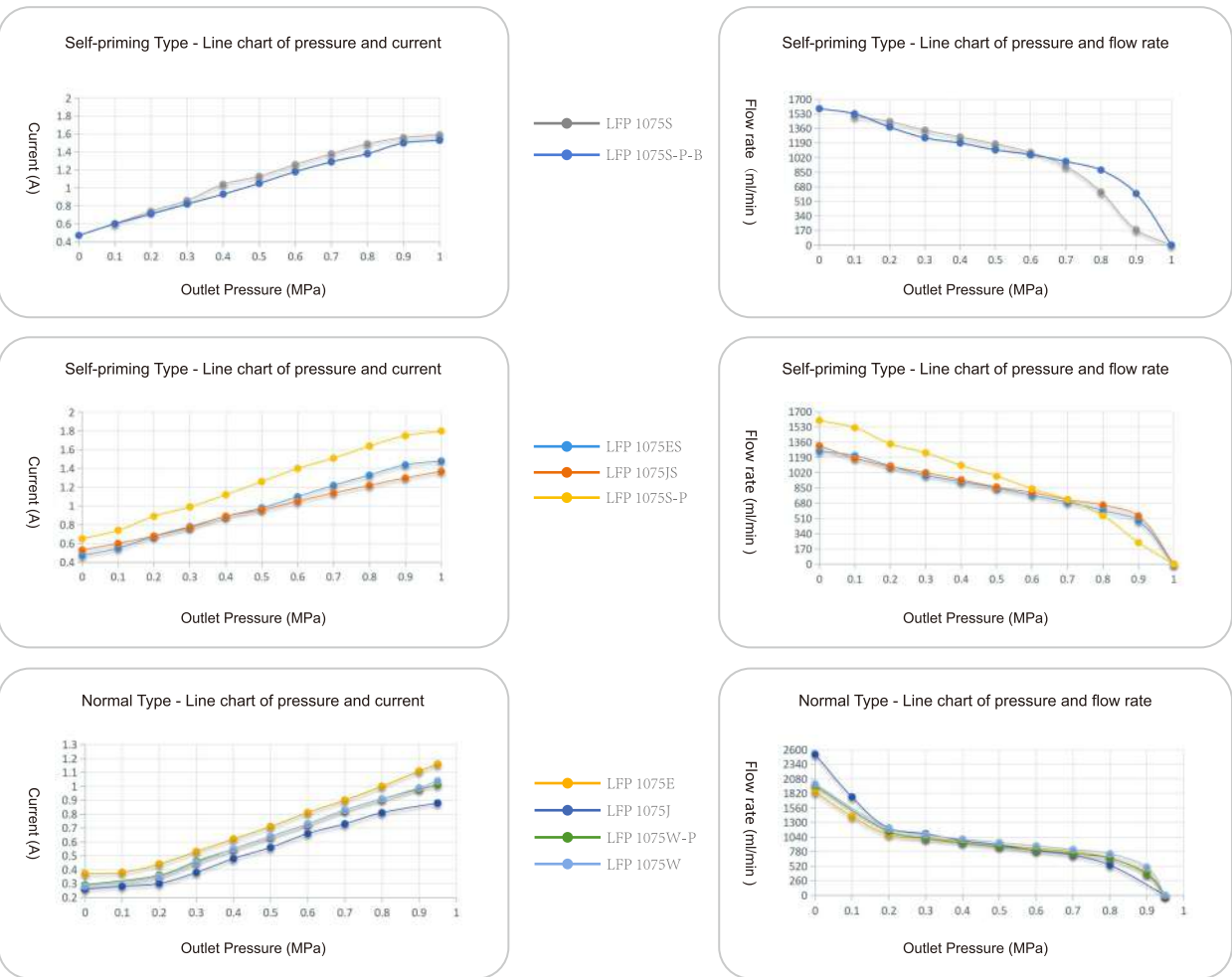
① Self-priming type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height					
LFP1075ES	24V DC	0MPa	0.5MPa	≤1.3A	≥800mL/min	≥1100mL/min	0.8-1.0MPa	≤1.6A	≥2.0m					
LFP1075JS					≥1200mL/min									
LFP1075S-P					≥850mL/min	≥1300mL/min		≤1.8A	≥3.0m					
LFP1075S-P-B					≥1000mL/min									
LFP1075S														

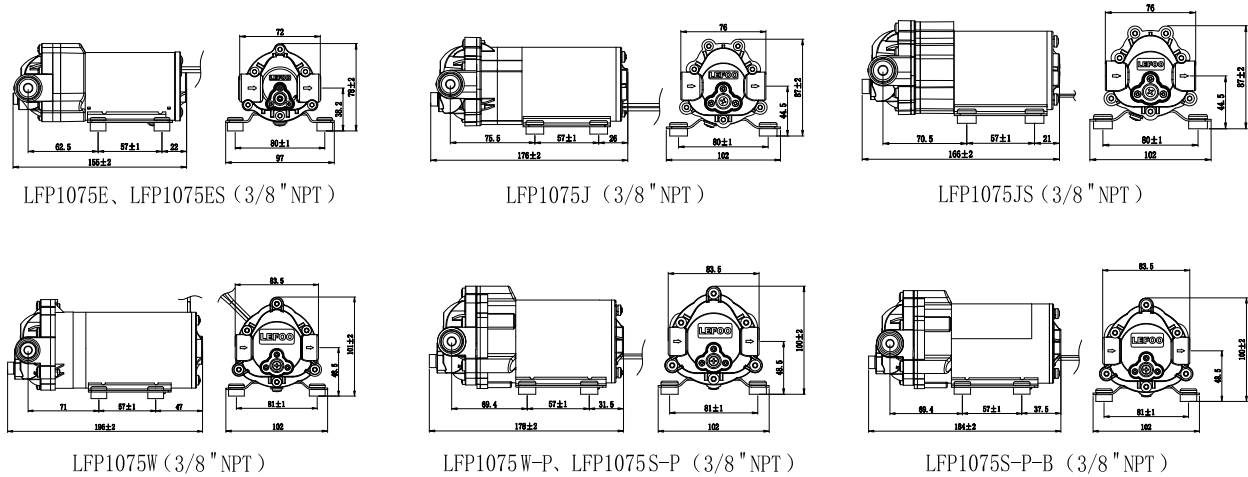
② Normal type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1075E	24V DC	0.2MPa	0.5MPa	≤1.0A	≥750mL/min	≥1800mL/min	0.8-1.0MPa	≤1.3A	/
LFP1075J				≤0.9A				≤1.2A	
LFP1075W-P									
LFP1075W							0.85-1.0MPa		

Flow Curve



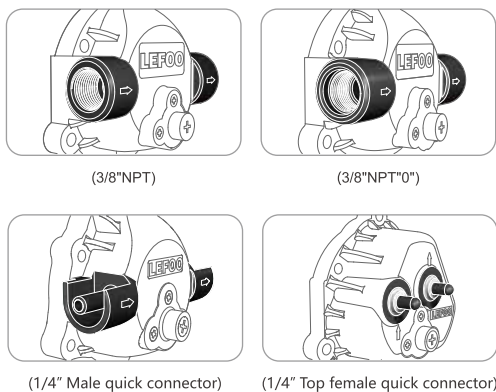
Mounting Dimension: mm



LFP100 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

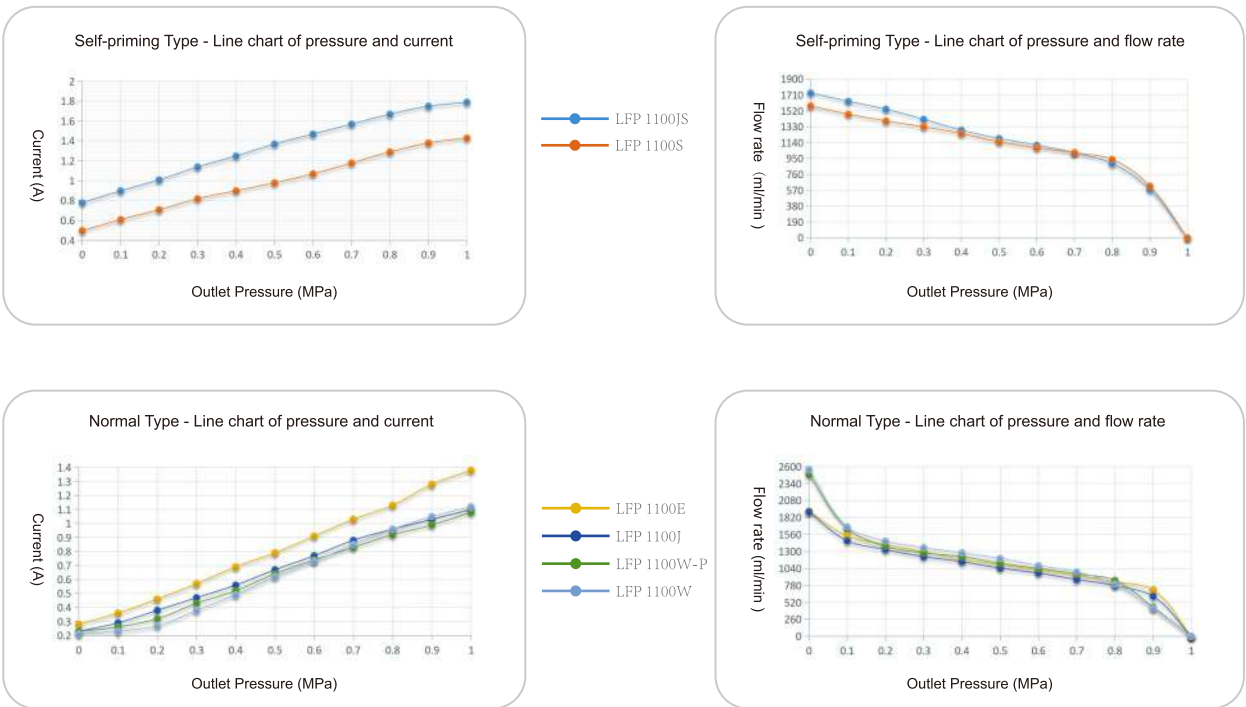
① Self-priming type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1100JS	24V DC	0MPa	0.5MPa	$\leq 1.6A$	$\geq 1050\text{mL/min}$	$\geq 1400\text{mL/min}$	0.8-1.0MPa	$\leq 2.1A$	$\geq 3.0\text{m}$
LFP1100S									

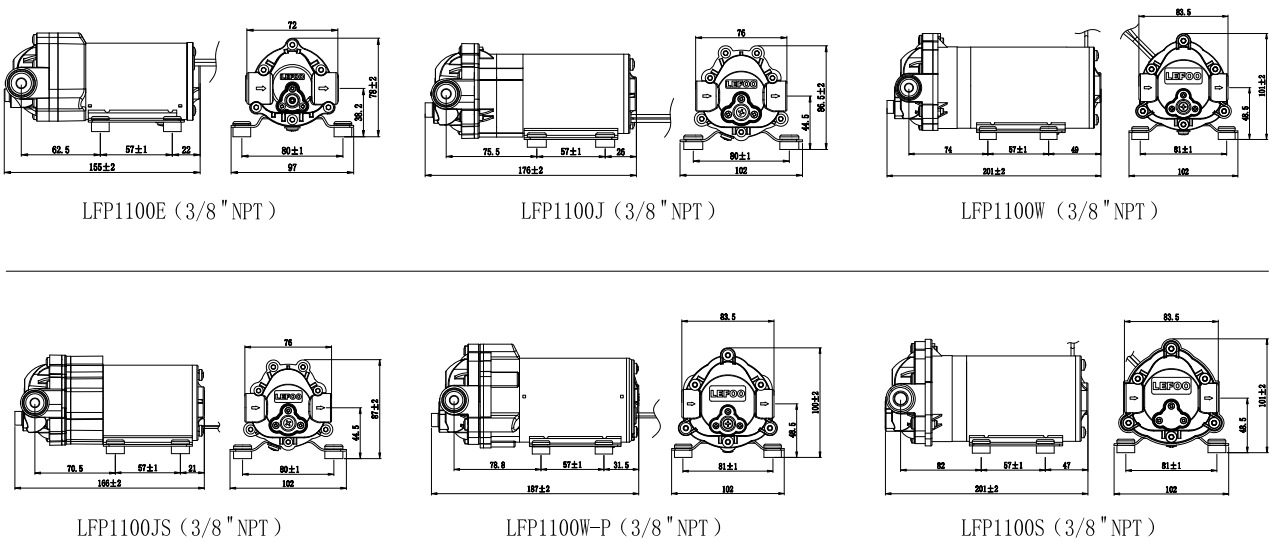
② Normal type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1100E	24V DC	0.2MPa	0.5MPa	$\leq 1.2A$	$\geq 980\text{mL/min}$	$\geq 2000\text{mL/min}$	0.8-1.0MPa	$\leq 1.5A$	/
LFP1100J						$\geq 2200\text{mL/min}$		$\leq 1.4A$	
LFP1100W						$\geq 2000\text{mL/min}$	0.85-1.0MPa	$\leq 1.8A$	
LFP1100W-P				$\leq 1.3A$	$\geq 1800\text{mL/min}$	$\geq 1800\text{mL/min}$		$\leq 1.8A$	

Flow Curve



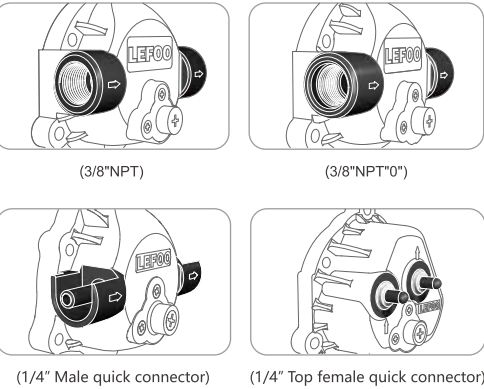
Mounting Dimension: mm



LFP150 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

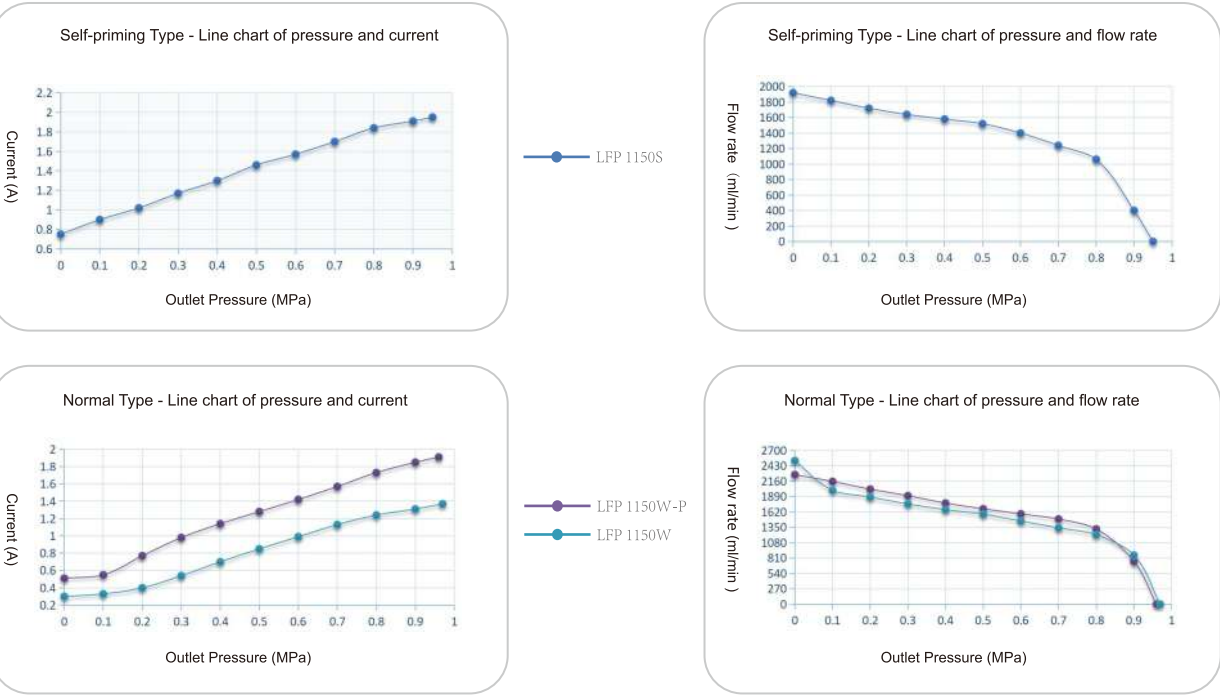
① Self-priming type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1150S	24V DC	0MPa	0.5MPa	≤2.1A	≥1450mL/min	≥1800mL/min	0.8-1.0MPa	≤2.8A	≥3.0m

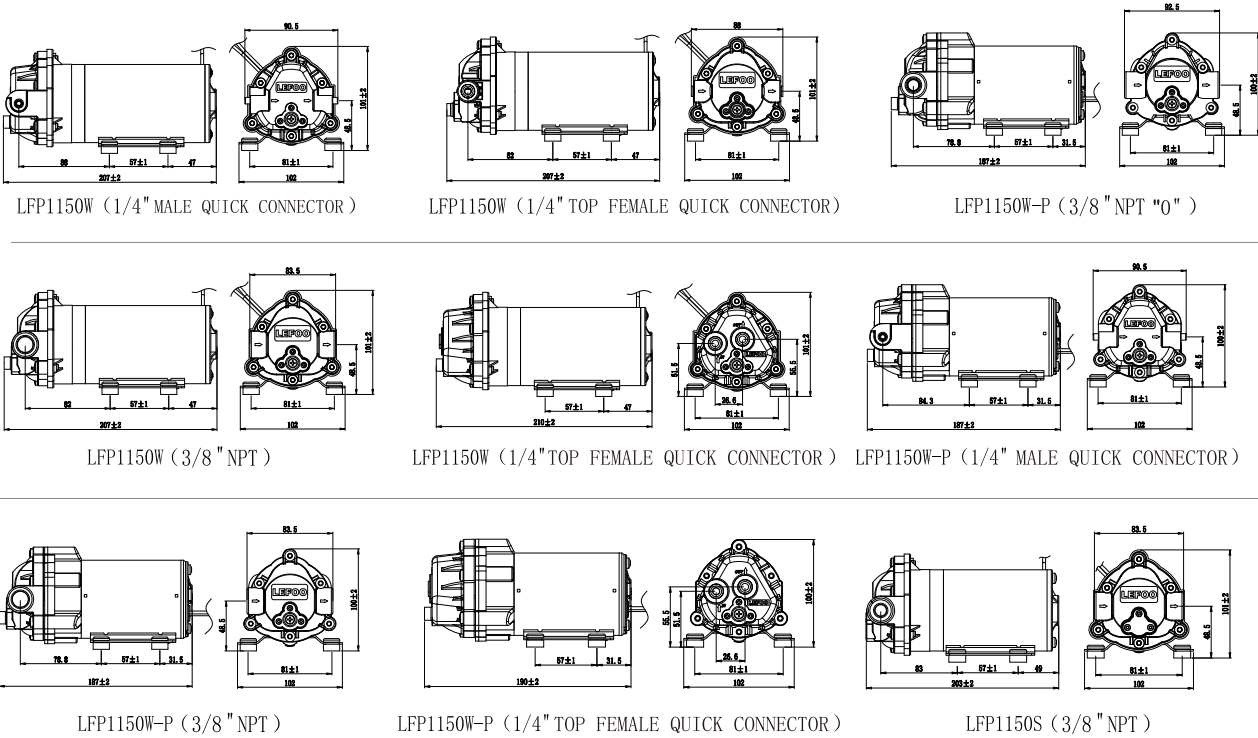
② Normal type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1150W-P	24V DC	0.2MPa	0.5MPa	≤1.5A	≥1500mL/min	≥2000mL/min	0.85-1.0MPa	≤2.2A	/
LFP1150W						≥2200mL/min		≤2.0A	

Flow Curve



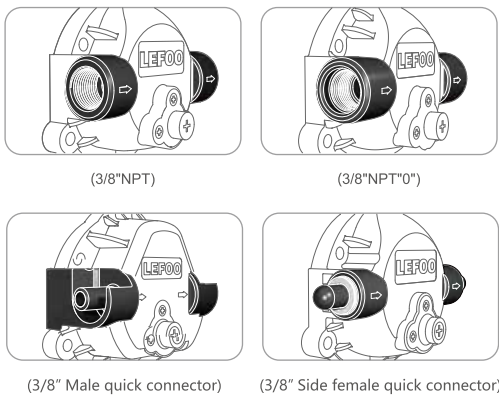
Mounting Dimension: mm



LFP200 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

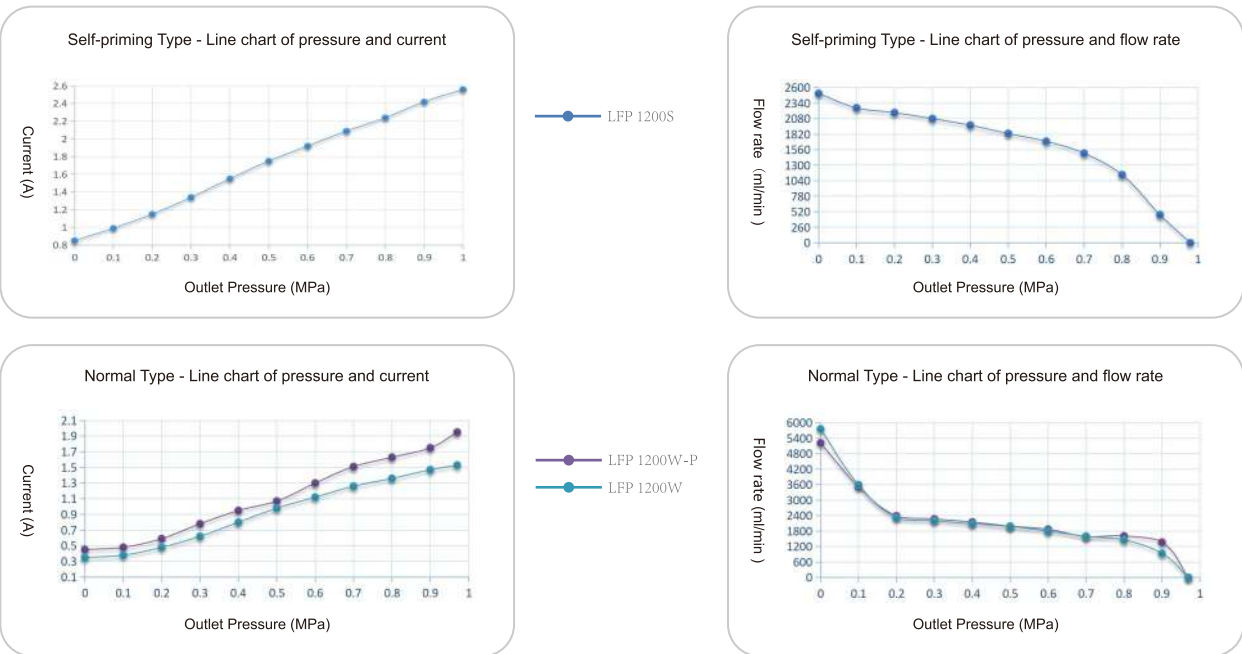
① Self-priming type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1200S	24V DC	0MPa	0.5MPa	≤2.5A	≥1800mL/min	≥2400mL/min	0.8-1.0MPa	≤3.3A	≥3.0m

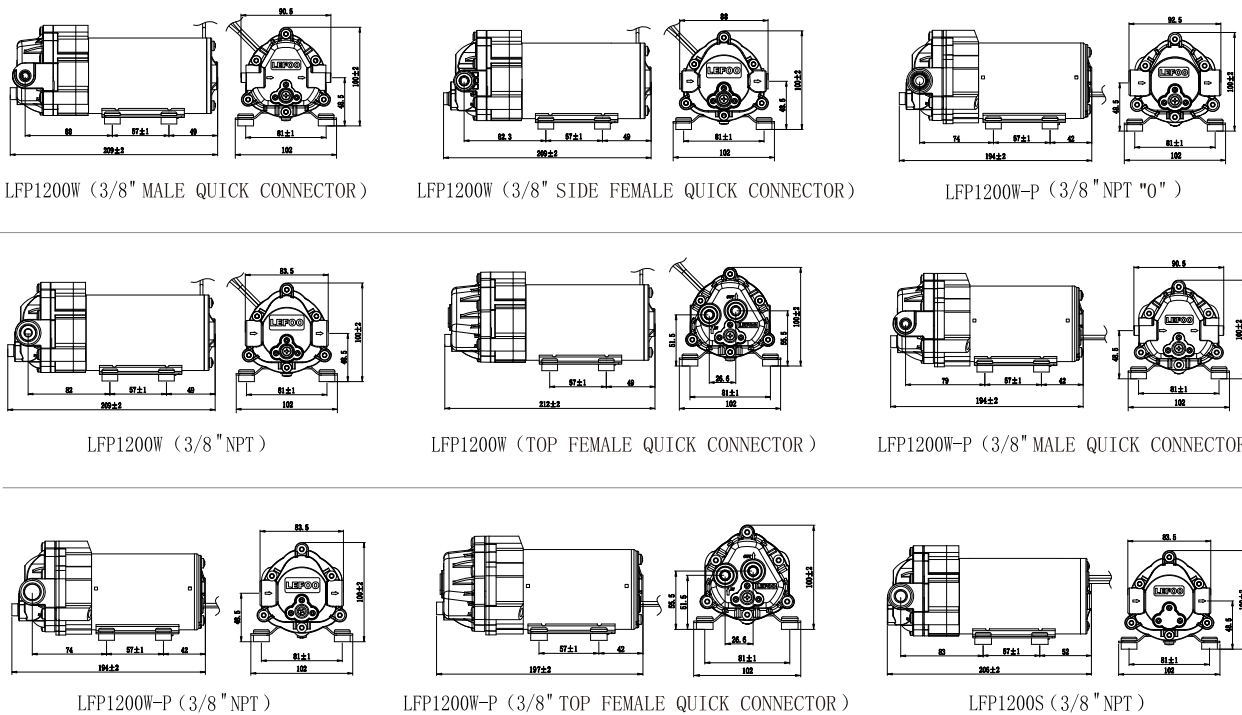
② Normal type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1200W-P	24V DC	0.2MPa	0.5MPa	≤1.9A	≥1900mL/min	≥2500mL/min	0.85-1.0MPa	≤2.5A	/
LFP1200W									

Flow Curve



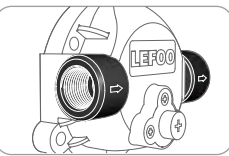
Mounting Dimension: mm



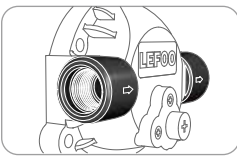
LFP300A SERIES

Diaphragm Booster Pump •

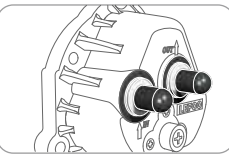
Connection



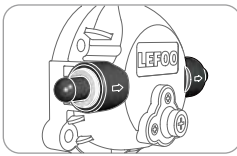
(3/8" NPT)



(3/8" NPT"0")



(3/8" Top female quick connector)



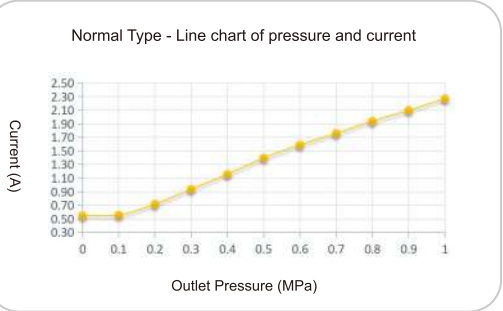
(3/8" Side female quick connector)



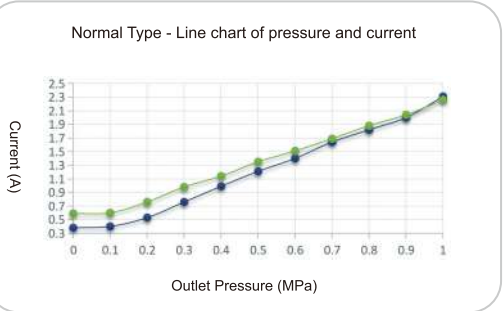
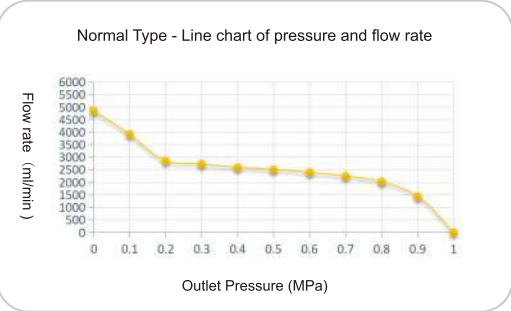
Product Specifications

Model	LFP1300JD-A	LFP1300W-A	LFP1300WA-P
Voltage	24V DC		
Inlet Water Pressure	0.2MPa		
Working Pressure	0.5MPa		
Working Current	≤2.1A		
Working Flow Rate	≥2200mL/min		
Open Flow	≥3000mL/min		
Bypass Pressure	0.85-1.0MPa		
Maximum Current	≤2.8A		

Flow Curve

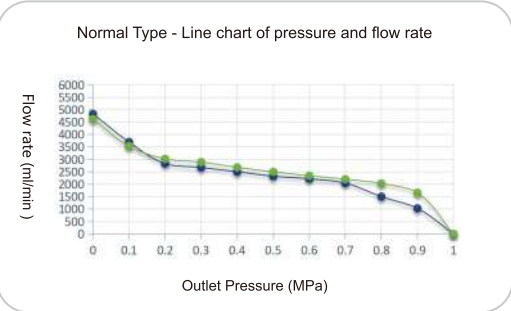


LFP 1300JD-A

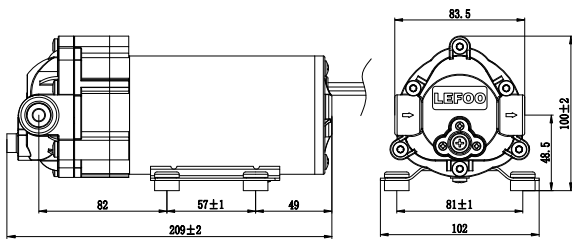


LFP 1300W-A

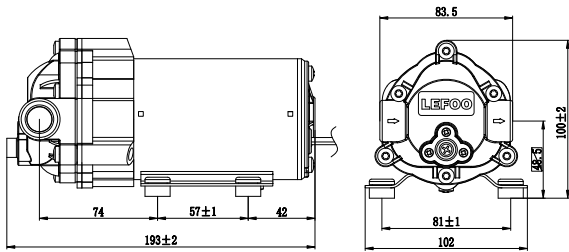
LFP 1300WA-P



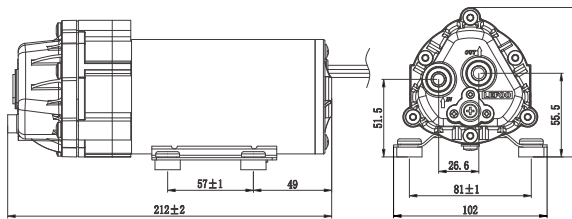
Mounting Dimension: mm



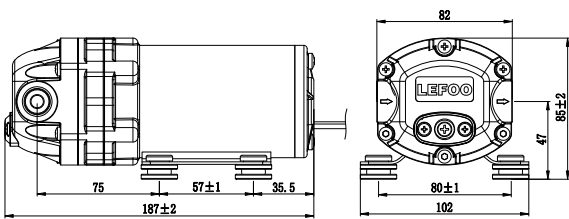
LFP1300W-A (3/8" NPT)



LFP1300WA-P (3/8" NPT)



LFP1300W-A (3/8" TOP FEMALE QUICK CONNECTOR)

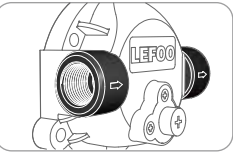


LFP1300JD-A (3/8" NPT)

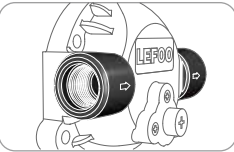
LFP300 SERIES

Diaphragm Booster Pump

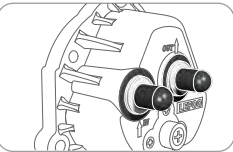
Connection



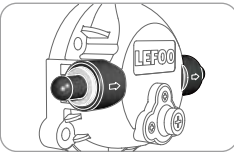
(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)



Product Specifications

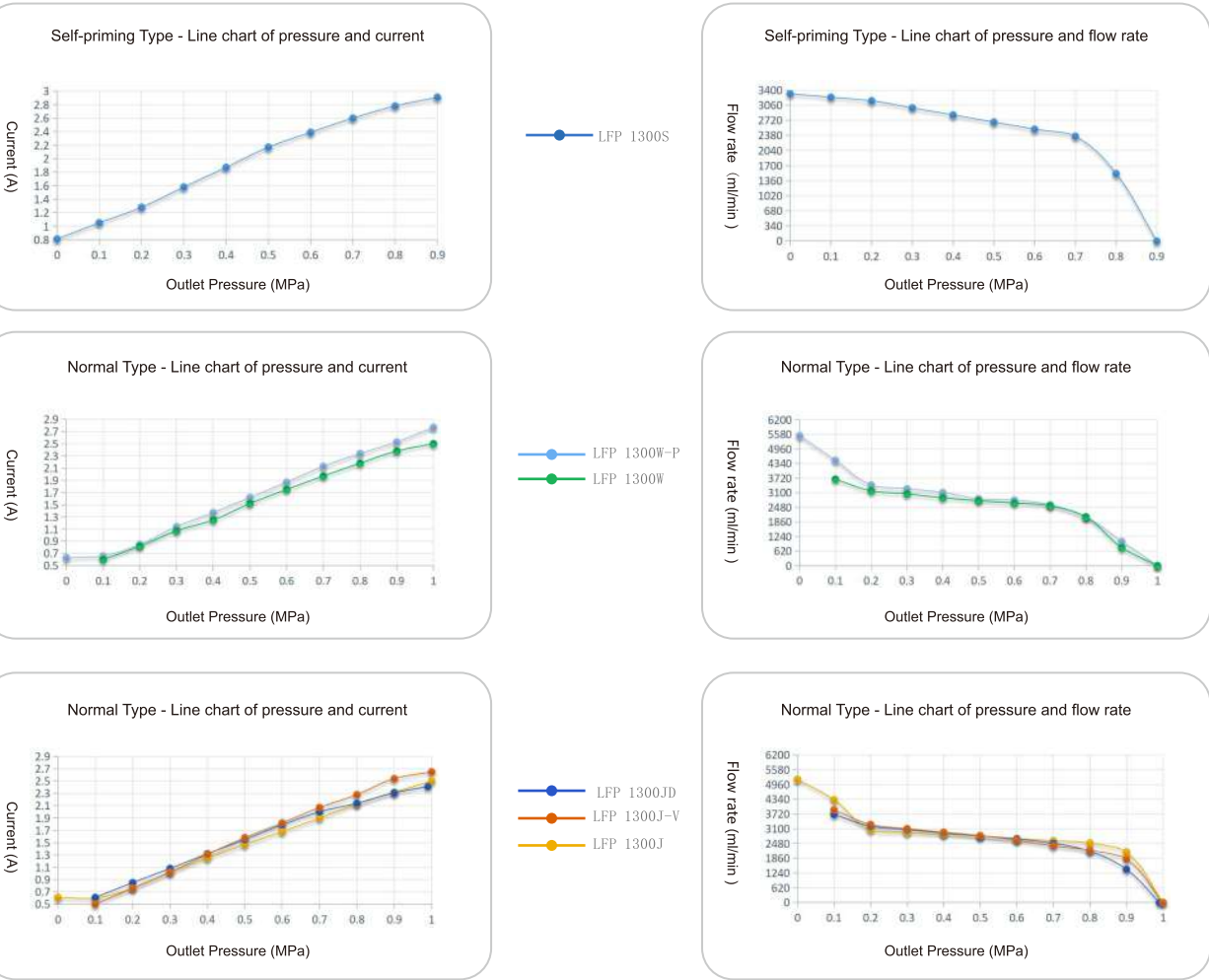
① Self-priming type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1300S	24V DC	0MPa	0.5MPa	≤3.5A	≥2600mL/min	≥3200mL/min	0.8-1.0MPa	≤4.5A	≥3.0m

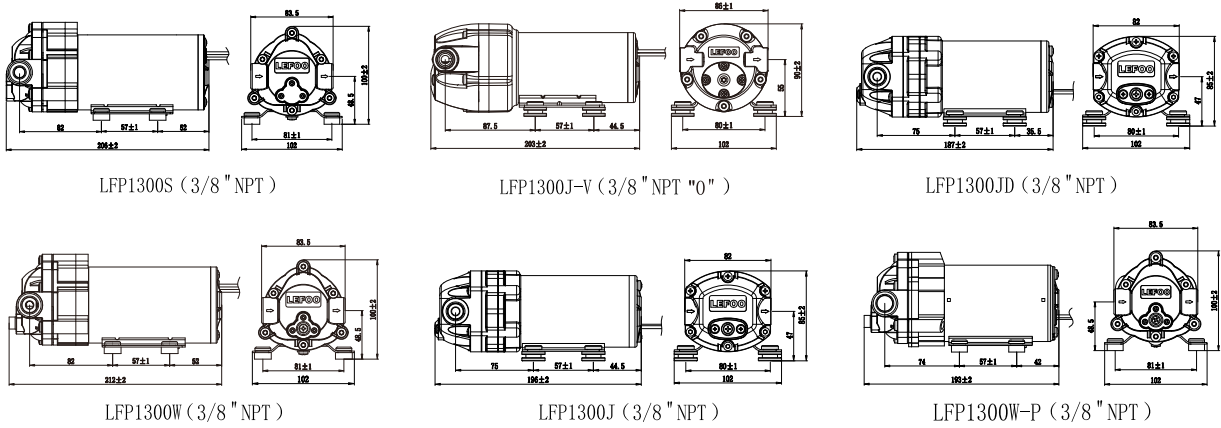
② Normal type

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1300J	24V DC	0.2MPa	0.5MPa	≤2.3A	≥2700mL/min	≥4000mL/min	0.85-1.05MPa	≤3.2A	/
LFP1300JD									
LFP1300J-V				≤2.4A	≥3500mL/min		0.9-1.1MPa		
LFP1300W-P							0.85-1.0MPa		
LFP1300W									

Flow Curve



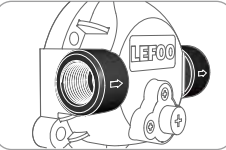
Mounting Dimension: mm



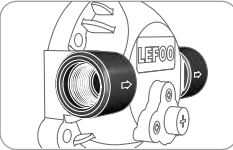
LFP400 SERIES

Diaphragm Booster Pump •

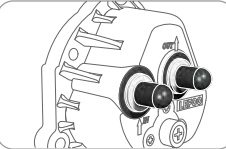
Connection



(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

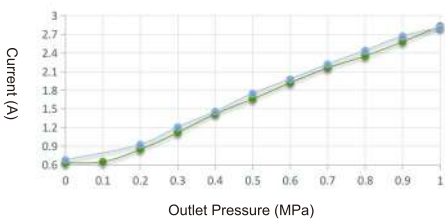


Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP1400J	24V DC	0.2MPa	0.5MPa	≤2.5A	≥2950mL/min	≥4000mL/min	0.85-1.0MPa	≤3.5A
LFP1400JD								
LFP1400W-P				≤3.0A		≥4000mL/min	≤4.0A	
LFP1400.2W								
LFP1400J-V				≤2.5A		0.9-1.1MPa	≤3.5A	

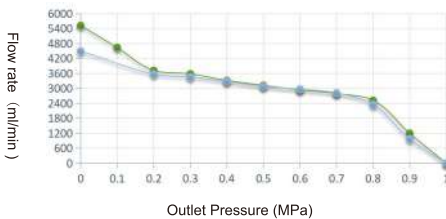
Flow Curve

Normal Type - Line chart of pressure and current

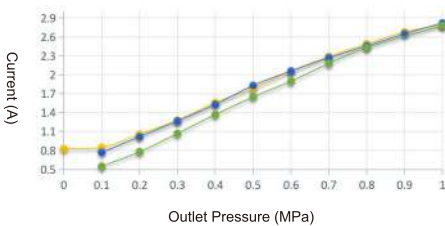


—●— LFP 1400W-P
—●— LFP 1400.2W

Normal Type - Line chart of pressure and flow rate

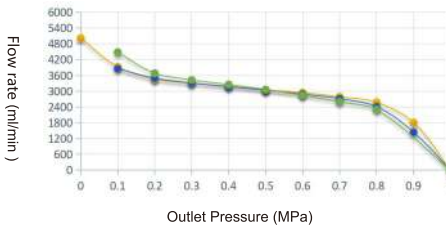


Normal Type - Line chart of pressure and current

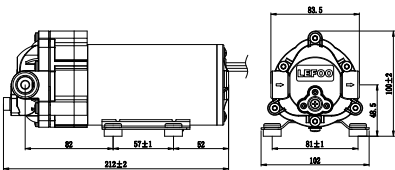


—●— LFP 1400J
—●— LFP 1400JD
—●— LFP 1400J-V

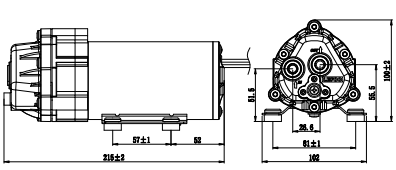
Normal Type - Line chart of pressure and flow rate



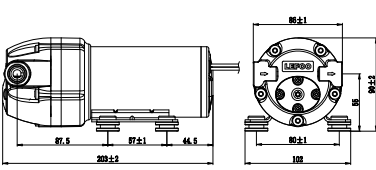
Mounting Dimension: mm



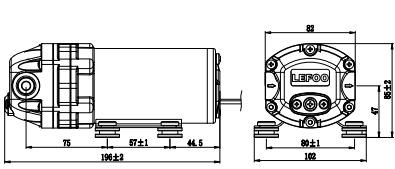
LFP1400.2W (3/8" NPT)



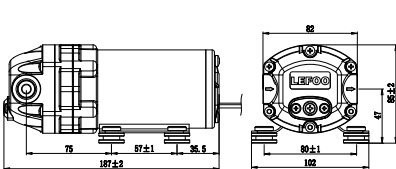
LFP1400.2W (3/8" TOP FEMALE QUICK CONNECTOR)



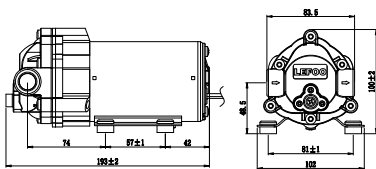
LFP1400J-V (3/8" NPT "0")



LFP1400J (3/8" NPT)



LFP1400JD (3/8" NPT)

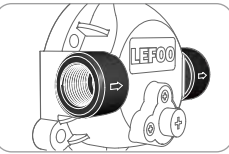


LFP1400W-P (3/8" NPT "0")

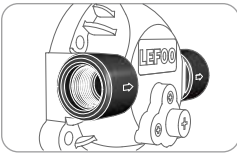
LFP600 SERIES

Diaphragm Booster Pump

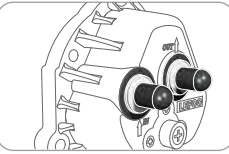
Connection



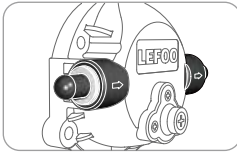
(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

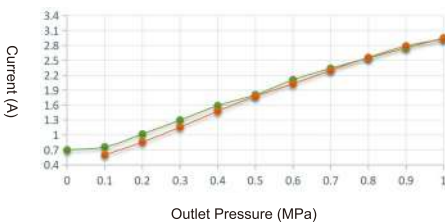


Product Specifications

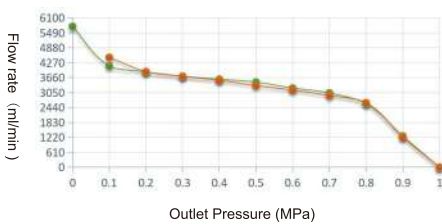
Model	LFP1500W		LFP1600J-V		LFP1600J	LFP1600JD	LFP2500W		LFP2600J-V
Voltage	24V DC						36V DC		
Inlet Water Pressure	0.2MPa						0.2MPa		
Working Pressure	0.5MPa	0.7MPa	0.5MPa				0.5MPa	0.7MPa	0.5MPa
Working Current	≤3.2A	≤3.7A	≤3.0A	≤2.8A			≤1.6A	≤2.0A	≤1.8A
Working Flow Rate	≥3250ml/min	≥2800ml/min	≥3200ml/min				≥3250ml/min	≥2800ml/min	≥3200ml/min
Open Flow	≥5000ml/min		≥4000ml/min		≥4500ml/min		≥5000ml/min		≥4000ml/min
Bypass Pressure	0.85-1.05MPa		0.9-1.1MPa		0.85-1.05MPa		0.85-1.05MPa		0.9-1.1MPa
Maximum Current	≤4.2A		≤4.0A				≤2.5A		

Flow Curve

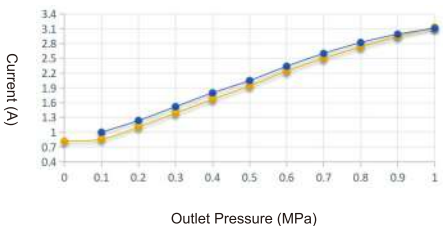
24V Normal Type - Line chart of pressure and current



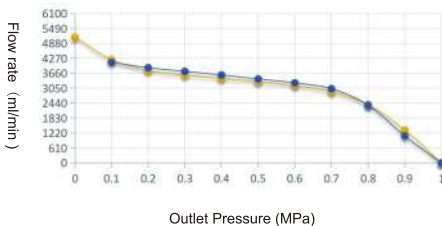
24V Normal Type - Line chart of pressure and flow rate



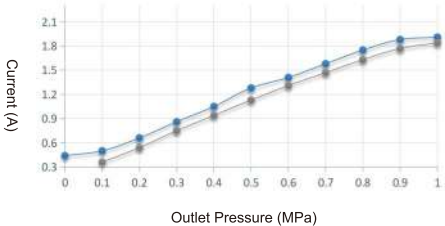
24V Normal Type - Line chart of pressure and current



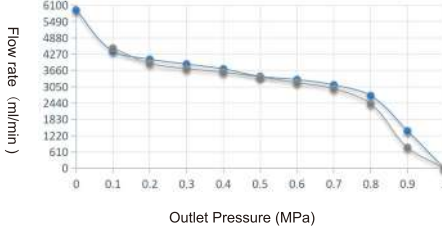
24V Normal Type - Line chart of pressure and flow rate



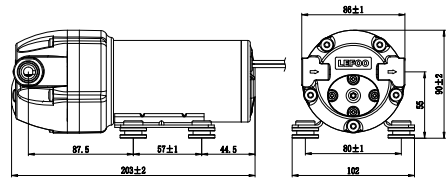
36V Normal Type - Line chart of pressure and current



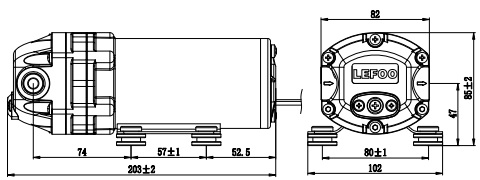
36V Normal Type - Line chart of pressure and current



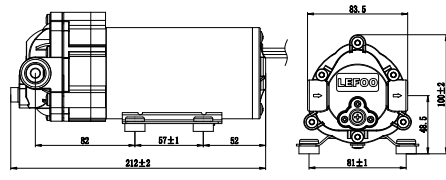
Mounting Dimension: mm



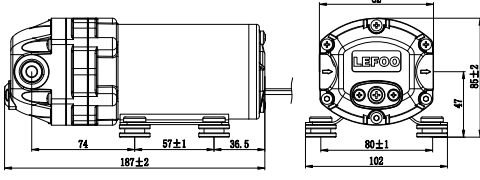
LFP1600J-V、2600J-V (3/8 " NPT "0")



LFP1600J (3/8 " NPT)



LFP1500W、LFP2500W (3/8 " NPT)

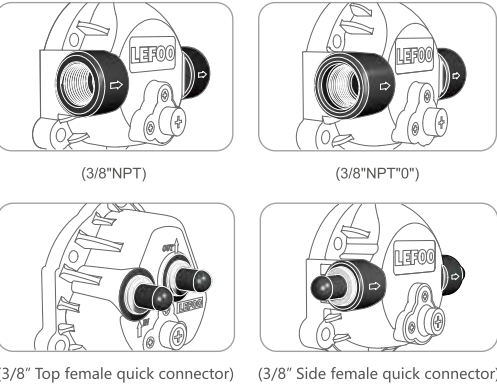


LFP1600JD (3/8 " NPT)

LFP600A SERIES

Diaphragm Booster Pump

Connection

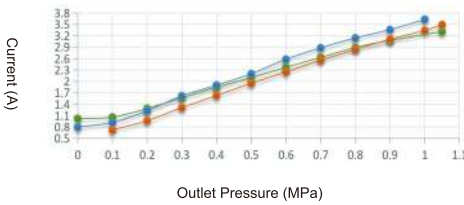


Product Specifications

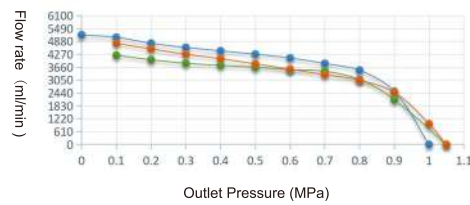
Model	LFP1600J-A	LFP1600J-V1	LFP1600W	LFP2600J-V1	LFP2600J-A	LFP2600W
Voltage	24V DC			36V DC		
Inlet Water Pressure	0.2MPa			0.2MPa		
Working Pressure	0.7MPa	0.5MPa	0.7MPa	0.7MPa	0.5MPa	0.7MPa
Working Current	≤3.3A	≤3.0A	≤4.0A	≤2.2A	≤1.9A	≤2.2A
Working Flow Rate	≥3200ml/min	≥3600ml/min	≥3200ml/min	≥3200ml/min	≥3600ml/min	≥3200ml/min
Open Flow	≥4500ml/min	≥6000ml/min		≥4500ml/min	≥6000ml/min	
Bypass Pressure	0.85-1.05MPa	1.0-1.2MPa	0.85-1.05MPa	1.0-1.2MPa	0.85-1.05MPa	0.85-1.05MPa
Maximum Current	≤4.3A	≤4.5A		≤3.0A	≤2.5A	≤2.8A

Flow Curve

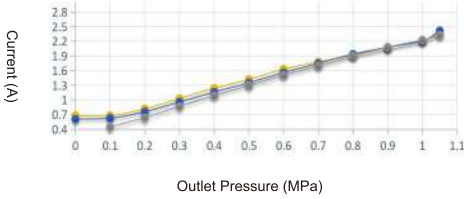
24V Normal Type - Line chart of pressure and current



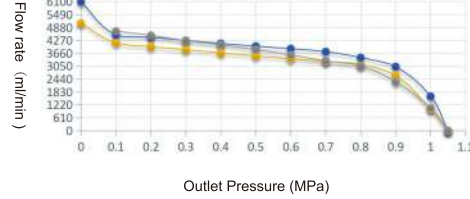
24V Normal Type - Line chart of pressure and flow rate



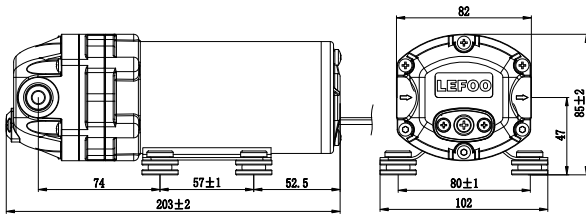
36V Normal Type - Line chart of pressure and current



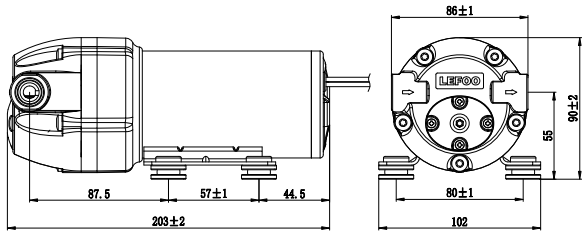
36V Normal Type - Line chart of pressure and flow rate



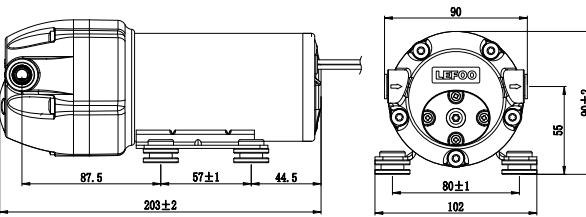
Mounting Dimension: mm



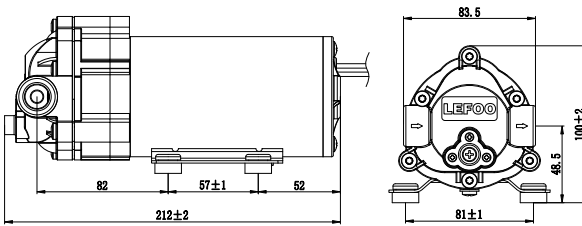
LFP2600J-A、LFP1600J-A (3/8" NPT)



LFP1600J-V1、2600J-V1 (3/8" NPT "0")



LFP1600J-V1、LFP2600J-V1 (3/8" TOP FEMALE QUICK CONNECTOR)

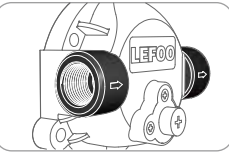


LFP1600W、LFP2600W (3/8" NPT)

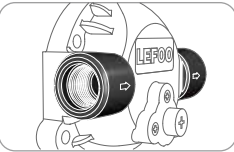
LFP800 SERIES

Diaphragm Booster Pump

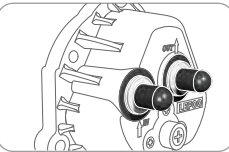
Connection



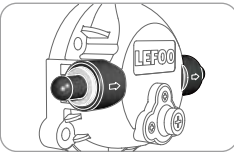
(3/8" NPT)



(3/8" NPT "O")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

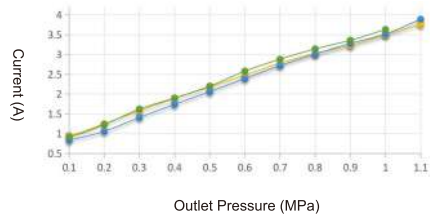


Product Specifications

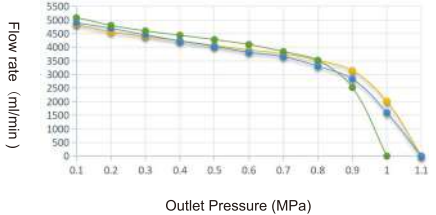
Model	LFP1600W-A	LFP1800J	LFP1800J-V	LFP2600W-A	LFP2800J	LFP2800J-V	LFP2800J-FD
Voltage	24V DC			36V DC			
Inlet Water Pressure	0.2MPa			0.2MPa			
Working Pressure	0.7MPa			0.7MPa			
Working Current	≤4.5A	≤3.8A		≤2.6A	≤2.6A	≤2.7A	
Working Flow Rate	≥3500ml/min	≥3500ml/min		≥3500ml/min		≥3500ml/min	
Open Flow	≥6000ml/min	≥4500ml/min		≥6000ml/min		≥4500ml/min	
Bypass Pressure	0.85-1.05MPa	0.9-1.2MPa	1.0-1.2MPa	0.8-1.05MPa	0.9-1.2MPa	1.0-1.2MPa	0.9-1.1MPa
Maximum Current	≤5.0A	≤4.5A	≤4.7A	≤3.2A	≤3.2A	≤3.3A	≤3.3A

Flow Curve

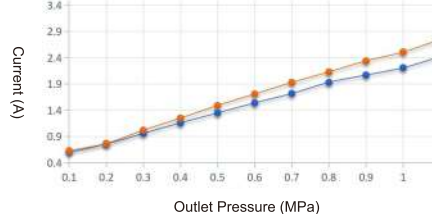
24V Normal Type - Line chart of pressure and current



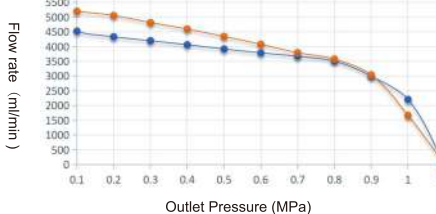
24V Normal Type - Line chart of pressure and flow rate



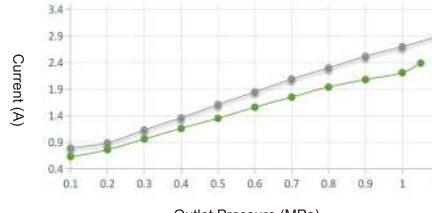
36V Normal Type - Line chart of pressure and current



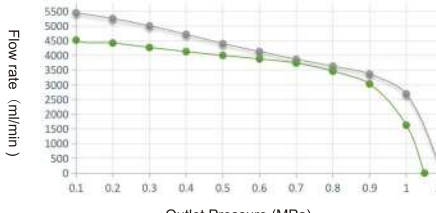
36V Normal Type - Line chart of pressure and flow rate



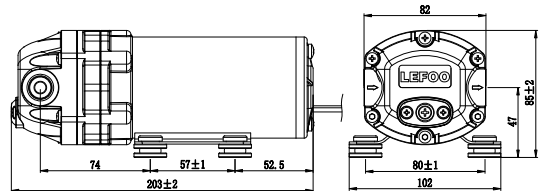
36V Normal Type - Line chart of pressure and current



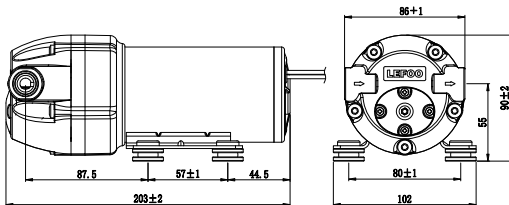
36V Normal Type - Line chart of pressure and current



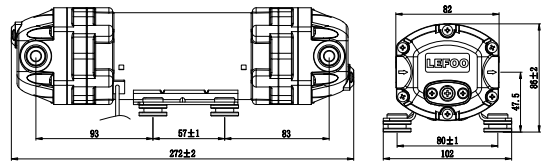
Mounting Dimension: mm



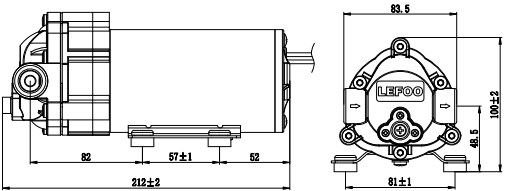
LFP1800J、LFP2800J (3/8" NPT)



LFP1800J-V、LFP2800J-V (3/8" NPT "O")



LFP2800J-FD (3/8" NPT)

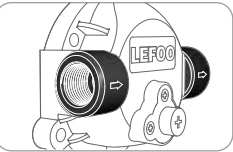


LFP2600W-A、LFP1600W-A (3/8" NPT)

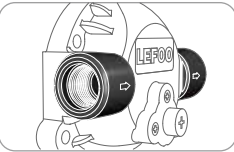
LFP800A SERIES

Diaphragm Booster Pump •

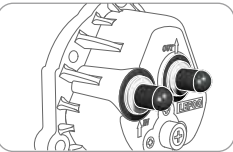
Connection



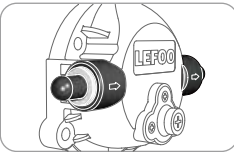
(3/8" NPT)



(3/8" NPT "0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

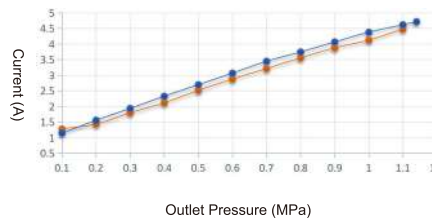


Product Specifications

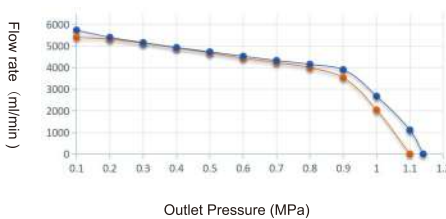
Model	LFP1800J-V1	LFP1800W	LFP2800J-V1	LFP2800W	LFP2800J-FD1
Voltage	24V DC		36V DC		
Inlet Water Pressure	0.2MPa		0.2MPa		
Working Pressure	0.7MPa		0.7MPa		
Working Current	≤4.0A		≤2.8A		
Working Flow Rate	≥4000ml/min		≥4000ml/min		
Open Flow	≥5000ml/min	≥6000ml/min	≥5000ml/min	≥6000ml/min	≥5000ml/min
Bypass Pressure	1.05-1.2MPa	0.95~1.15MPa	1.05-1.2MPa	1.05-1.2MPa	0.95-1.15MPa
Maximum Current	≤5.0A	≤5.0A	≤3.5A	≤3.5A	≤3.5A

Flow Curve

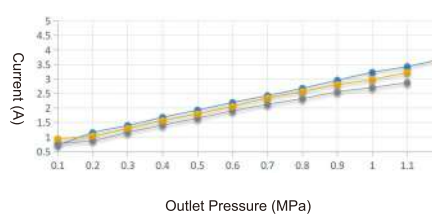
24V Normal Type - Line chart of pressure and current



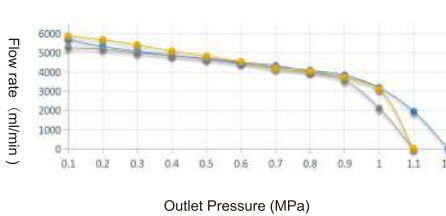
24V Normal Type - Line chart of pressure and flow rate



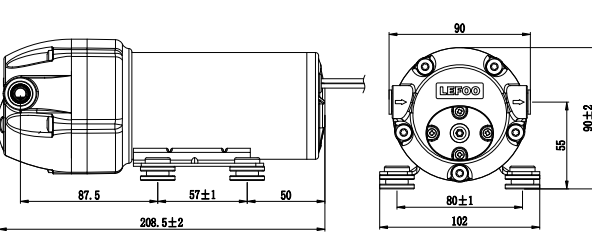
36V Normal Type - Line chart of pressure and current



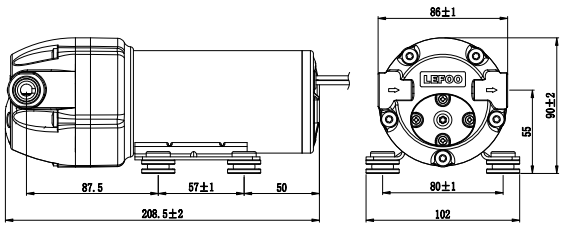
36V Normal Type - Line chart of pressure and flow rate



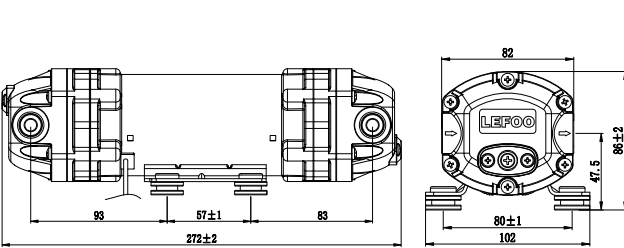
Mounting Dimension: mm



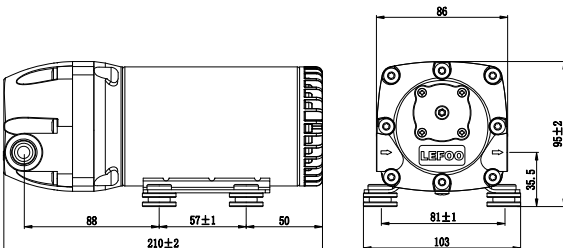
LFP1800J-V1、LFP2800J-V1 (3/8" TOP FEMALE QUICK CONNECTOR)



LFP1800J-V1、LFP2800J-V1 (3/8" NPT "0")



LFP2800J-FD1 (3/8" NPT)

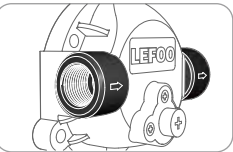


LFP1800W/2800W (3/8" NPT)

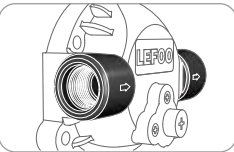
LFP1000 SERIES

Diaphragm Booster Pump

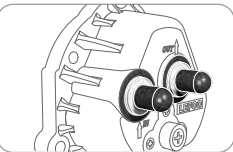
Connection



(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

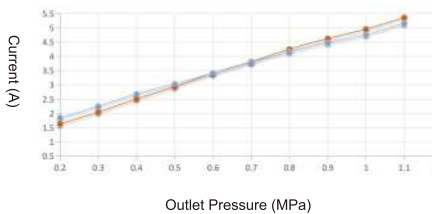


Product Specifications

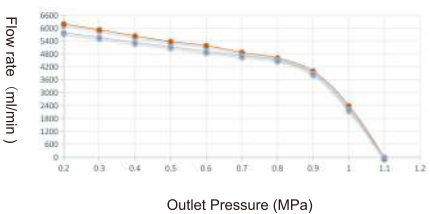
Model	LFP11000J-V	LFP11000W	LFP21000J-V	LFP21000J-FD	LFP21000W	LFP21000W-FD
Voltage	24V DC		36V DC			
Inlet Water Pressure	0.2MPa		0.2MPa			
Working Pressure	0.7MPa		0.7MPa			
Working Current	≤4.5A		≤3.2A			
Working Flow Rate	≥4500ml/min		≥4500ml/min			
Open Flow	≥5500ml/min	≥6000ml/min	≥5500ml/min		≥6000ml/min	
Bypass Pressure	1.05-1.25Mpa	0.95-1.15Mpa	1.05-1.25Mpa	1.05 ~ 1.2MPa		1.0-1.2MPa
Maximum Current	≤5.8A		≤4.0A			

Flow Curve

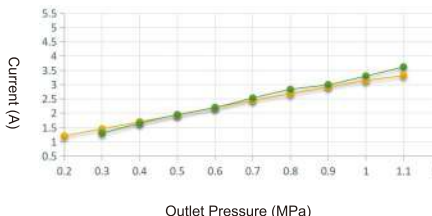
24V Normal Type - Line chart of pressure and current



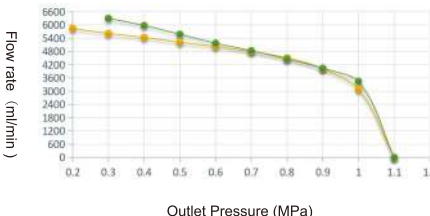
24V Normal Type - Line chart of pressure and flow rate



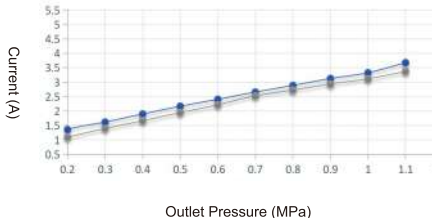
36V Normal Type - Line chart of pressure and current



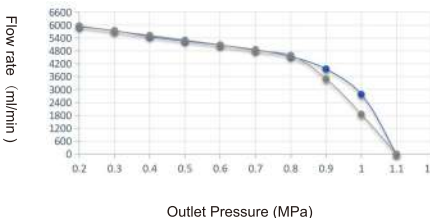
36V Normal Type - Line chart of pressure and flow rate



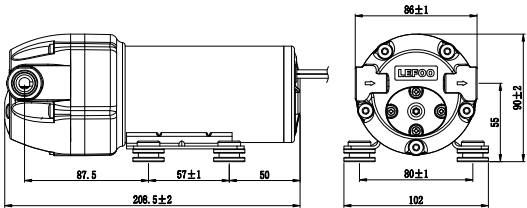
36V Normal Type - Line chart of pressure and current



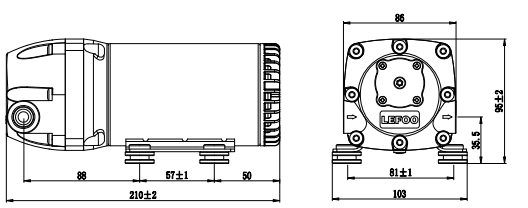
36V Normal Type - Line chart of pressure and current



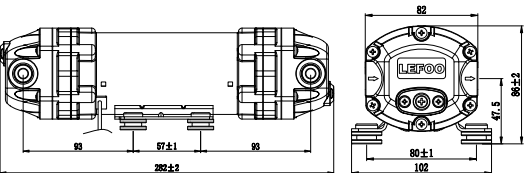
Mounting Dimension: mm



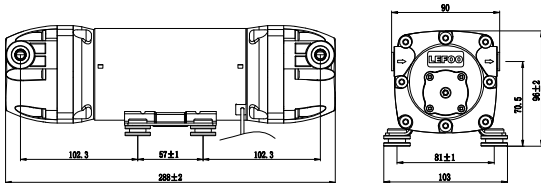
LFP11000J-V、LFP21000J-V (3/8" NPT "0")



LFP11000W、LFP21000W (3/8" NPT)



LFP21000J-FD (3/8" NPT)

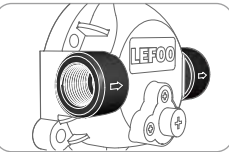


LFP21000W-FD (3/8" SIDE FEMALE QUICK CONNECTOR)

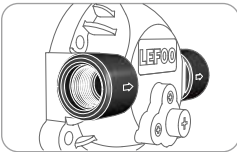
LFP1000A SERIES

Diaphragm Booster Pump

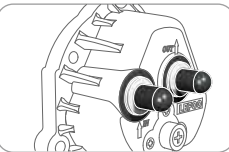
Connection



(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

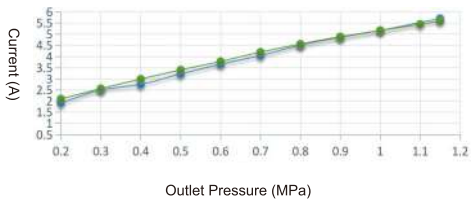


Product Specifications

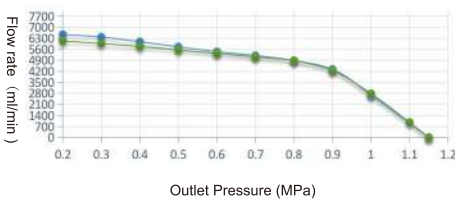
Model	LFP11000J-V1	LFP11000W-A	LFP21000J-V1	LFP21000J-FD1	LFP21000W-A	LFP21000W-FD1
Voltage	24V DC		36V DC			
Inlet Water Pressure	0.2MPa		0.2MPa			
Working Pressure	0.7MPa		0.7MPa			
Working Current	≤5.0A		≤3.5A			
Working Flow Rate	≥5000ml/min		≥5000ml/min			
Open Flow	≥6000ml/min		≥6000ml/min			≥6500ml/min
Bypass Pressure	1.1-1.3Mpa	0.95-1.15MPa	1.1-1.3Mpa	1.05-1.2MPa	1.05-1.2MPa	1.0-1.2MPa
Maximum Current	≤6.0A		≤4.5A			

Flow Curve

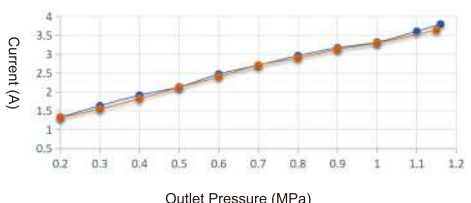
24V Normal Type - Line chart of pressure and current



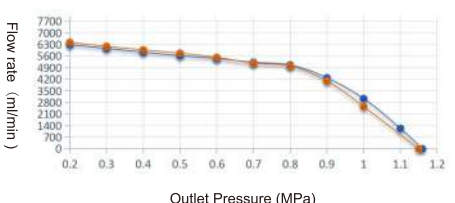
24V Normal Type - Line chart of pressure and flow rate



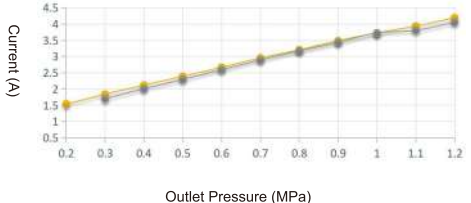
36V Normal Type - Line chart of pressure and current



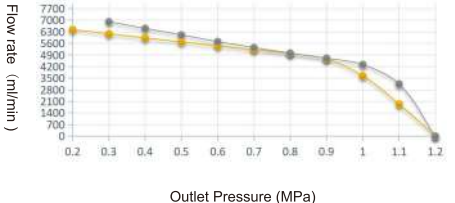
36V Normal Type - Line chart of pressure and flow rate



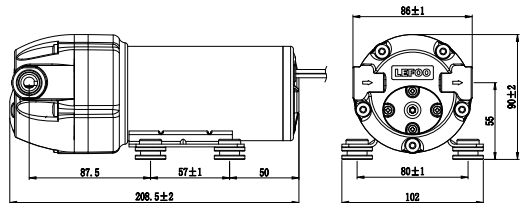
36V Normal Type - Line chart of pressure and current



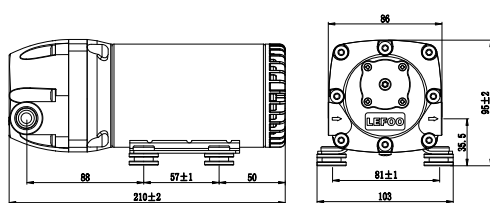
36V Normal Type - Line chart of pressure and current



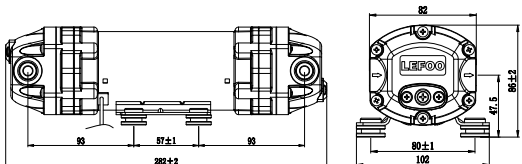
Mounting Dimension: mm



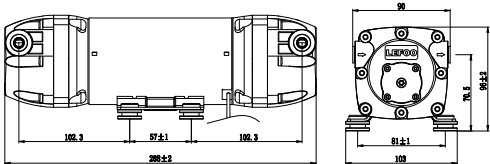
LFP11000J-V1, LFP21000J-V1 (3/8 "NPT "0")



LFP11000W-A, LFP21000W-A (3/8 "NPT)



LFP21000J-FD1 (3/8 "NPT)

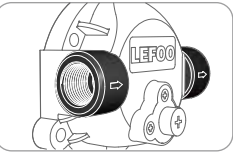


LFP21000W-FD1 (3/8"SIDE FEMALE QUICK CONNECTOR)

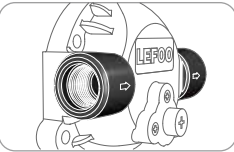
LFP1200 SERIES

Diaphragm Booster Pump •

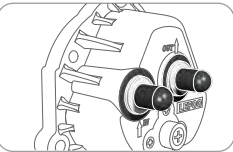
Connection



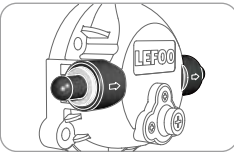
(3/8" NPT)



(3/8" NPT"0")



(3/8" Top female quick connector)



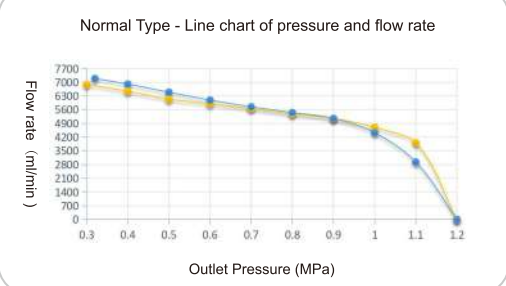
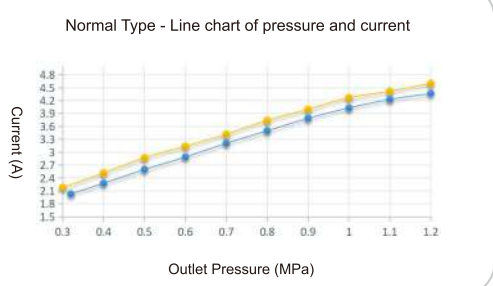
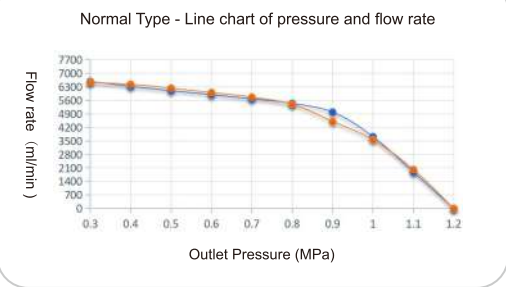
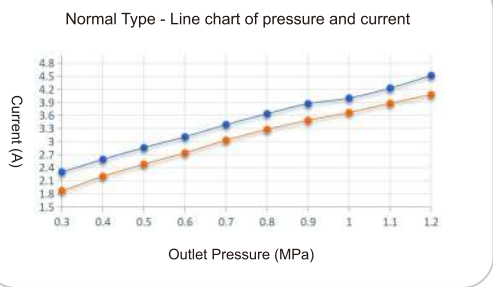
(3/8" Side female quick connector)



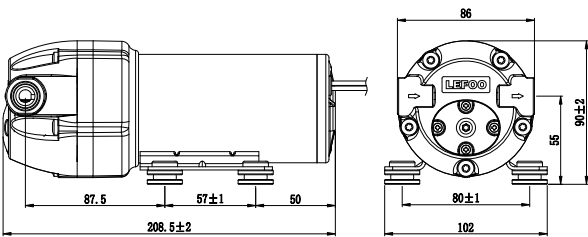
Product Specifications

Model	LFP21200J-V	LFP21200J-FD	LFP21200W	LFP21200W-FD
Voltage	36V DC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.7MPa			
Working Current	≤4.0A	≤4.0A	≤3.8A	≤4.0A
Working Flow Rate	≥5500mL/min			
Open Flow	≥6500ml/min	≥6500ml/min	≥6500ml/min	≥7000ml/min
Bypass Pressure	1.1-1.3MPa	1.05-1.2MPa	1.1-1.3MPa	1.0-1.2MPa
Maximum Current	≤5.0A	≤5.0A	≤4.8A	≤5.0A

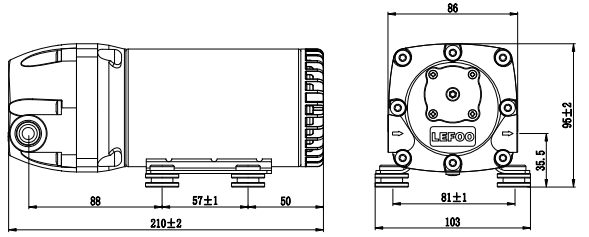
Flow Curve



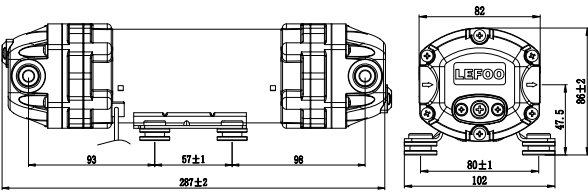
Mounting Dimension: mm



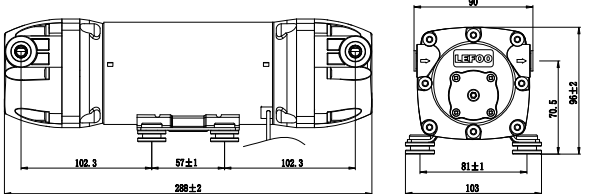
LFP21200J-V (3/8 " NPT "0")



LFP21200W (3/8 " NPT)



LFP21200J-FD (3/8 " NPT)

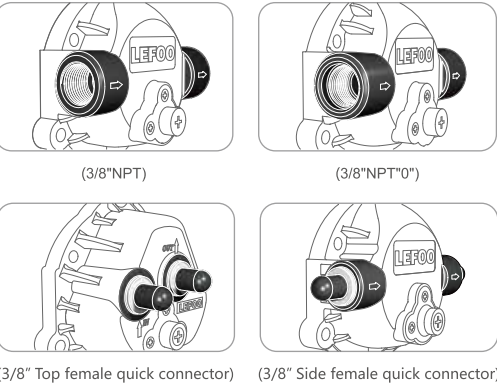


LFP21200W-FD (3/8" SIDE FEMALE QUICK CONNECTOR)

LFP1500 SERIES

Diaphragm Booster Pump

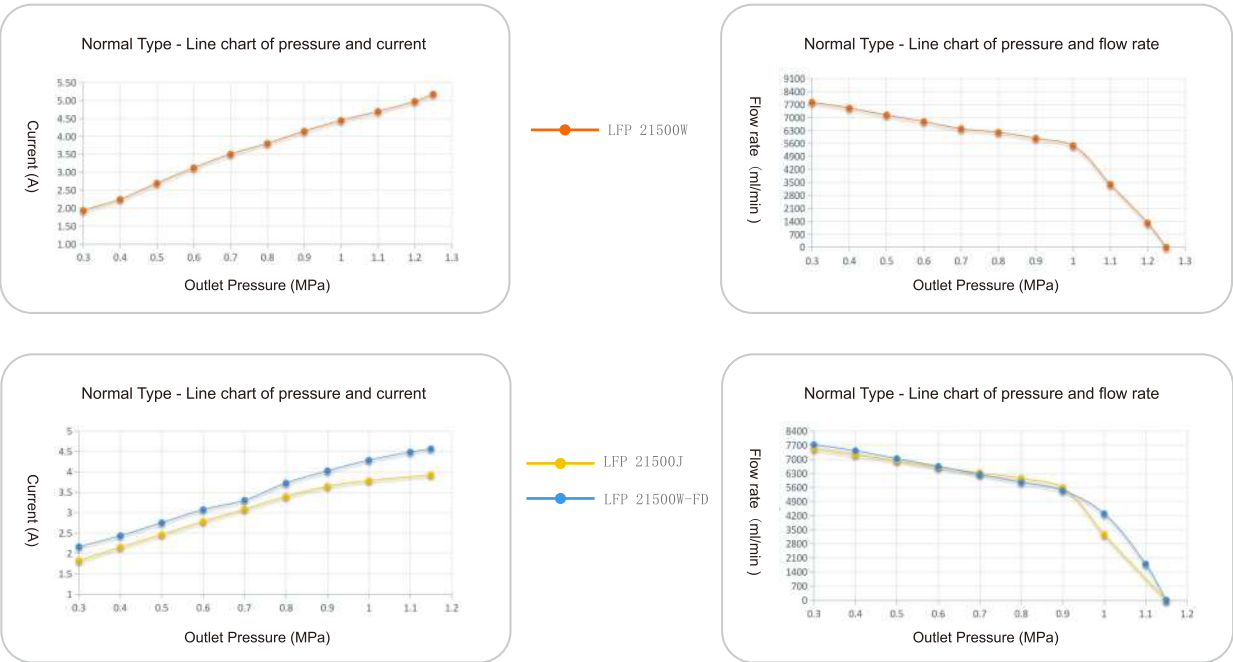
Connection



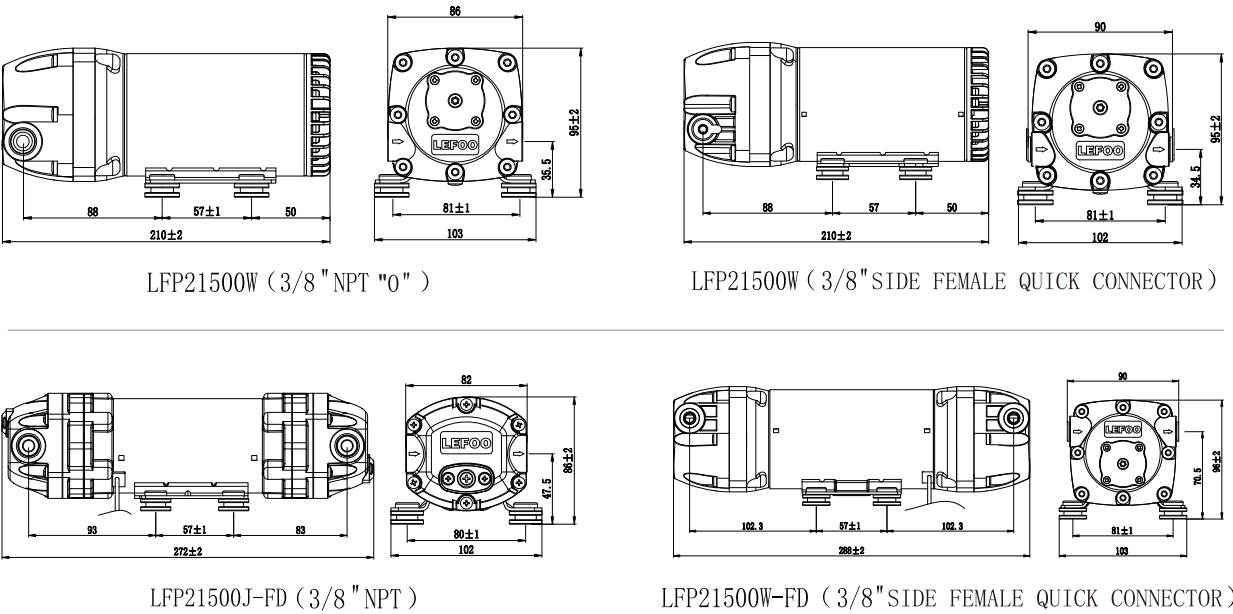
Product Specifications

Model	LFP21500W	LFP21500J-FD	LFP21500W-FD
Voltage	36V DC		
Inlet Water Pressure	0.2MPa		
Working Pressure	0.7MPa		
Working Current	≤4.0A	≤4.5A	≤4.5A
Working Flow Rate	≥6000mL/min		
Open Flow	≥7000ml/min	≥7000ml/min	≥7500ml/min
Bypass Pressure	1.1-1.3MPa	1.05-1.25MPa	1.05-1.25MPa
Maximum Current	≤5.5A	≤5.5A	≤5.5A

Flow Curve



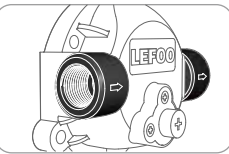
Mounting Dimension: mm



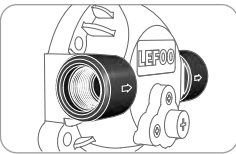
LFP1600-2000 SERIES

Diaphragm Booster Pump

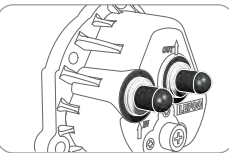
Connection



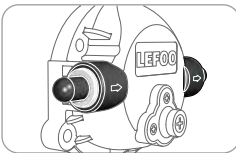
(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8"- 1/2 Side female quick connector)

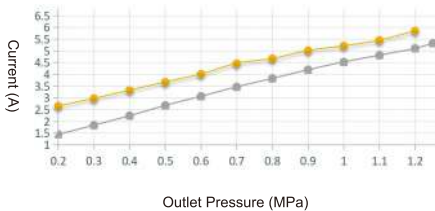


Product Specifications

Model	LFP21600W	LFP21600W-FD	LFP21800W-FD	LFP22000W-FD
Voltage	36V DC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.7MPa			
Working Current	≤4.6A		≤5.0A	≤5.5A
Working Flow Rate	≥6500mL/min		≥7000mL/min	≥7500mL/min
Open Flow	≥8000ml/min	≥7500ml/min	≥8000ml/min	≥8500ml/min
Bypass Pressure	1.0-1.3MPa	1.05-1.25MPa	1.05-1.25MPa	
Maximum Current	≤5.8A		≤6.2A	≤6.5A

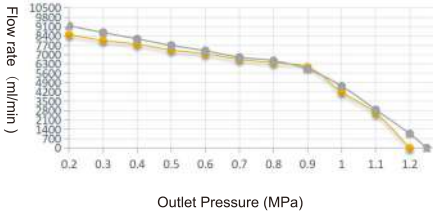
Flow Curve

Normal Type - Line chart of pressure and current

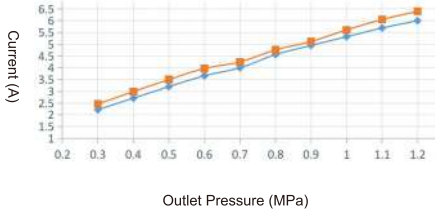


● LFP 21600W-FD
● LFP 21600W

Normal Type - Line chart of pressure and flow rate

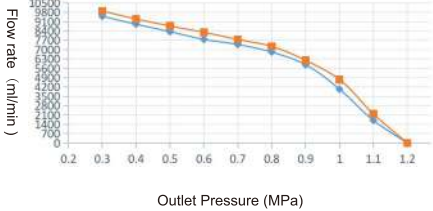


Normal Type - Line chart of pressure and current

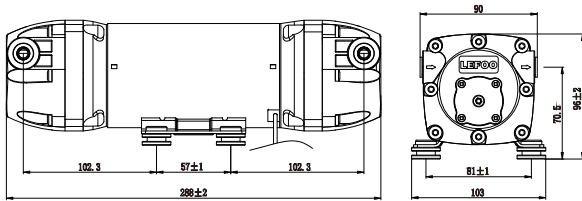


● LFP 21800W-FD
● LFP 22000W-FD

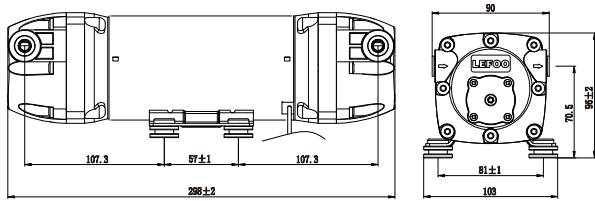
Normal Type - Line chart of pressure and flow rate



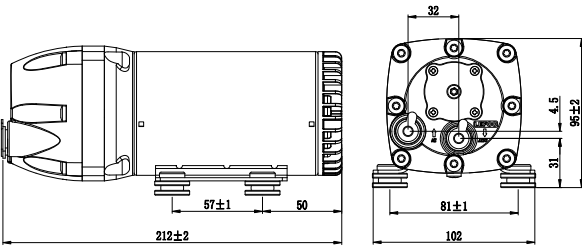
Mounting Dimension: mm



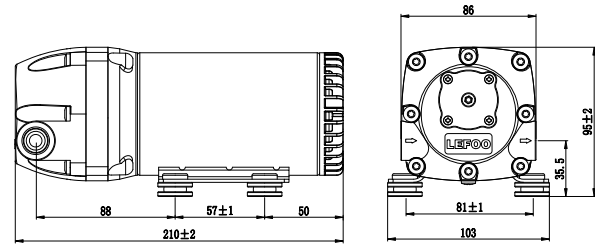
LFP21600W-FD
(3/8" SIDE FEMALE QUICK CONNECTOR)



LFP21800W-FD, LFP22000W-FD
(3/8" SIDE FEMALE QUICK CONNECTOR)



LFP21600W (3/8" SIDE FEMALE QUICK CONNECTOR)

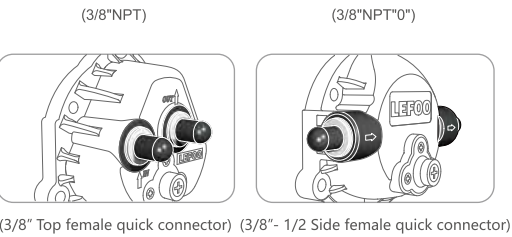
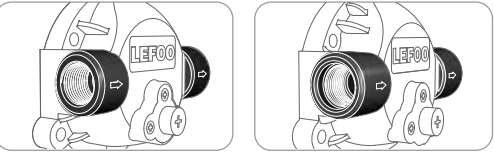


LFP21600W (3/8" NPT "0")

LFP2200-2600 SERIES

Diaphragm Booster Pump •

Connection

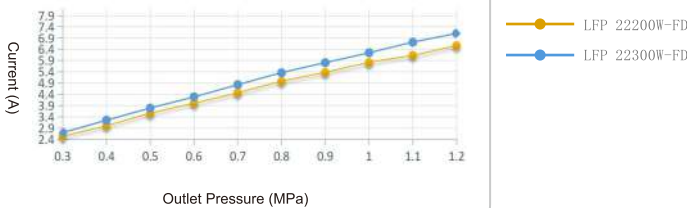


Product Specifications

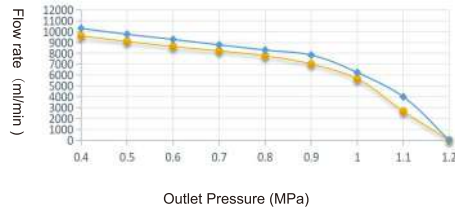
Model	LFP22200W-FD	LFP22300W-FD	LFP22500W-FD	LFP22600W-FD
Voltage	36V DC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.7MPa			
Working Current	≤6.0A	≤6.5A	≤7.0A	≤7.5A
Working Flow Rate	≥8000mL/min	≥8500mL/min	≥9000mL/min	≥9500mL/min
Open Flow	≥9000ml/min	≥9500ml/min	≥10000ml/min	
Bypass Pressure	1.1-1.3MPa		1.1-1.4MPa	
Maximum Current	≤7.0A	≤7.5A	≤8.5A	≤9.0A

Flow Curve

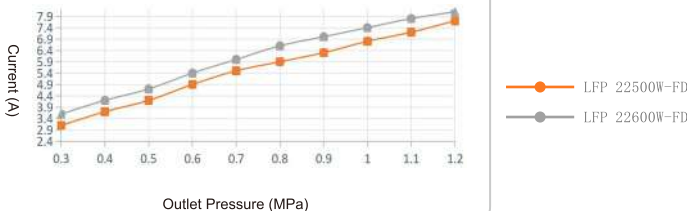
Normal Type - Line chart of pressure and current



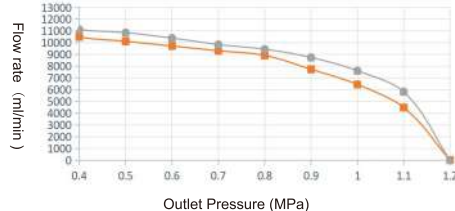
Normal Type - Line chart of pressure and flow rate



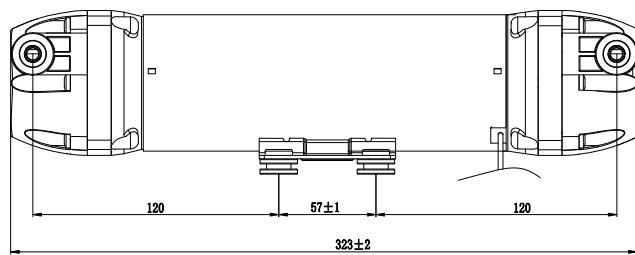
Normal Type - Line chart of pressure and current



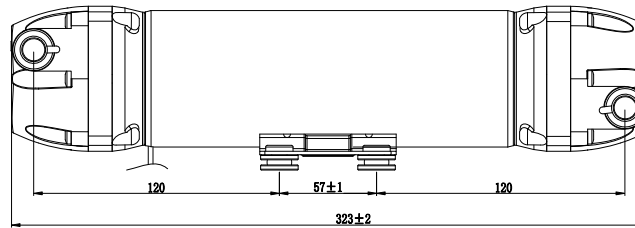
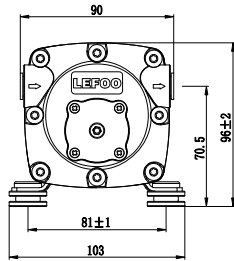
Normal Type - Line chart of pressure and flow rate



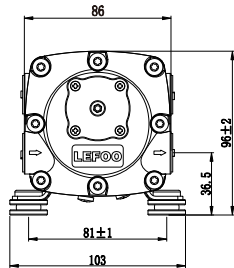
Mounting Dimension: mm



LFP22200W-FD - LFP22600W-FD (3/8" SIDE FEMALE QUICK CONNECTOR)



LFP22200W-FD - LFP22600W-FD (3/8" NPT "0")



AC —

DIAPHRAGM BOOSTER PUMP

SERIES ②

115V •
Diaphragm Booster Pump

230V •
Diaphragm Booster Pump

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Certification
CE, RoHS, REACH, UL certifications



High Strength
High strength plastic and metal materials



Food Safety
All parts contact with water are
complies with FDA, NSF, or EU food grade



High Performance Motors
Low noise, low vibration, strong power



High Stability
Large water flow, compact size, stable
pressure, long service life



100% Quality Control
100% quality control for whole production process



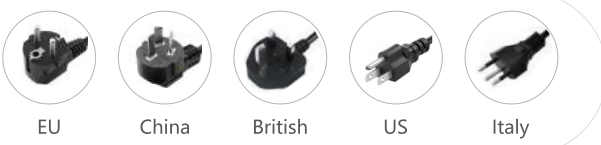
• AC diaphragm booster pump can be directly connected to the power supply without an adapter. It is widely used in water purification system, drinking water filtration system, RO purifier, water dispenser, sparking water machine, soda machine, water cooler dispenser, beverage dispenser, home appliances, laboratory or medical water purification system, water circulation system, misting system, low pressure cleaning equipment, etc.

• Pumps from 50 GPD to 800 GPD, working flow rate from 500ml/min to 4000ml/min.

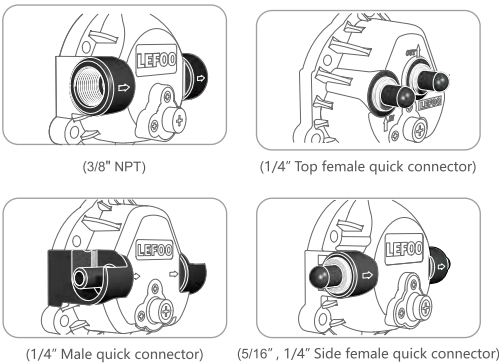
...

LFP50-150/115V SERIES

AC Diaphragm Booster Pump •



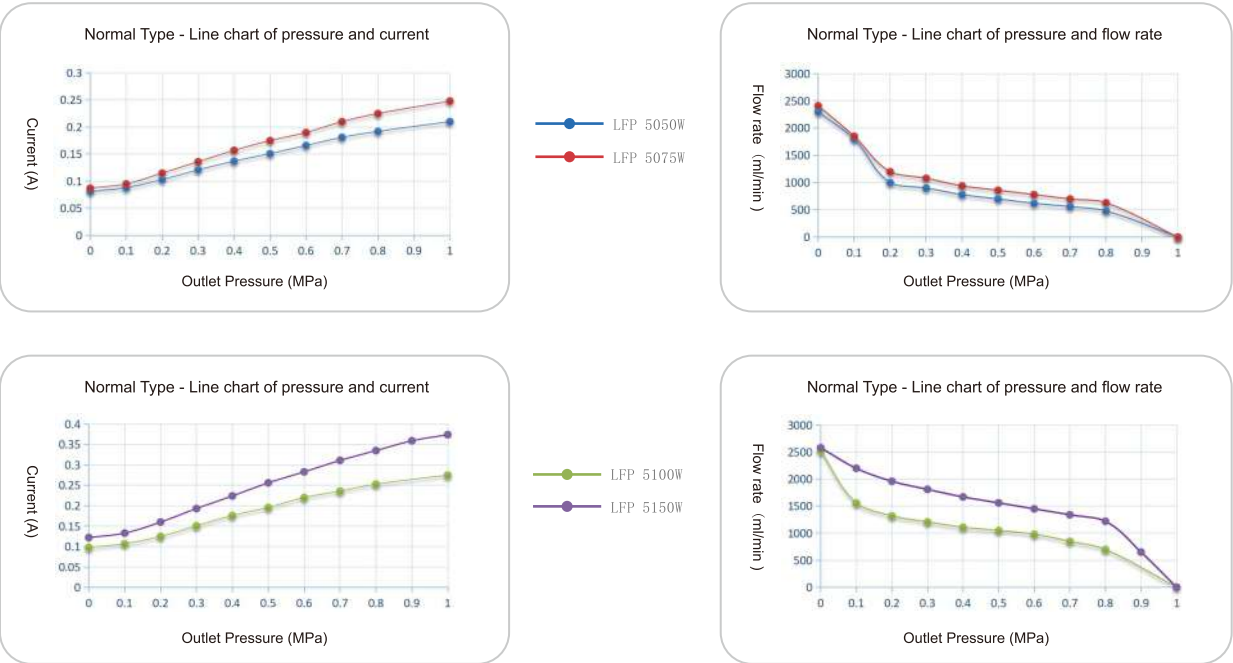
Connection



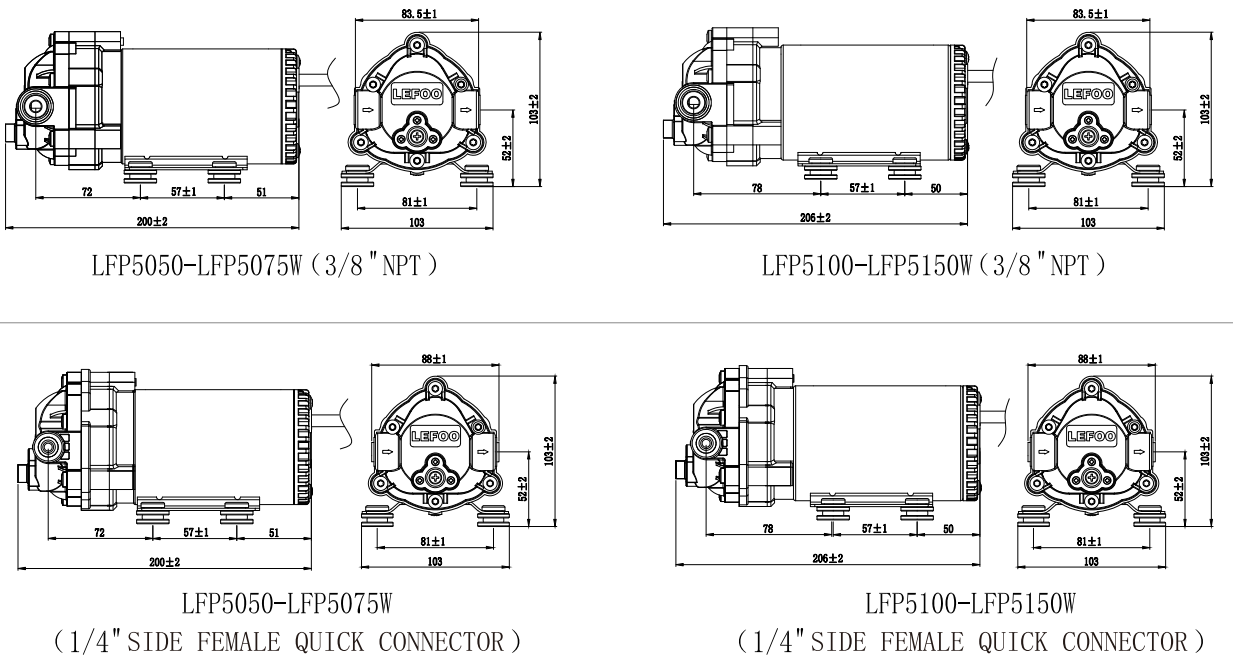
Product Specifications

Model	LFP5050W	LFP5075W	LFP5100W	LFP5150W
Voltage	115V AC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.5MPa			
Working Current	≤0.2A	≤0.22A	≤0.3A	≤0.4A
Working Flow Rate	≥600ml/min	≥750ml/min	≥980ml/min	≥1500ml/min
Open Flow	≥1600ml/min	≥1800ml/min	≥2000ml/min	≥2200ml/min
Bypass Pressure	0.85-1.0MPa			
Maximum Current	≤0.26A	≤0.28A	≤0.4A	≤0.5A

Flow Curve

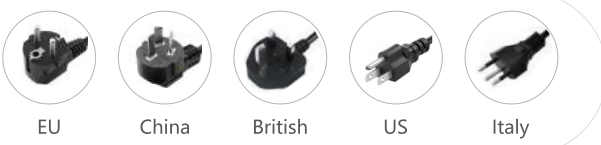


Mounting Dimension: mm

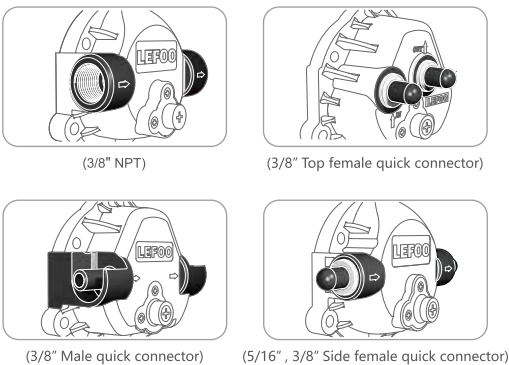


LFP200-400/115V SERIES

AC Diaphragm Booster Pump •



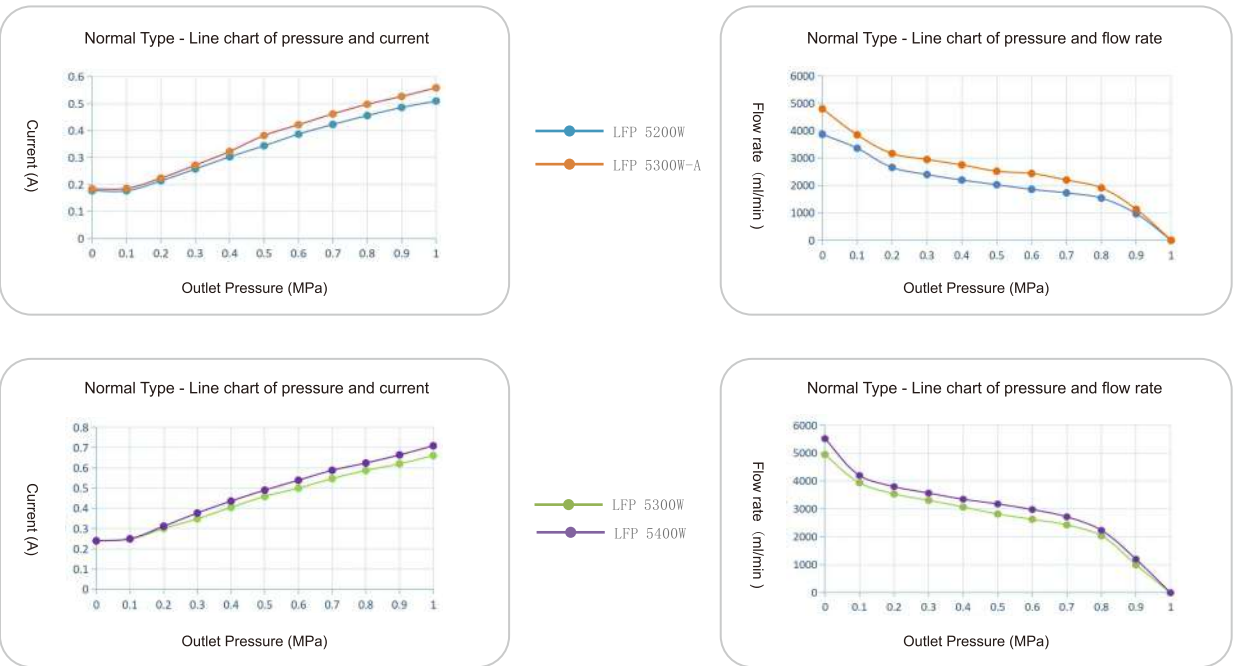
Connection



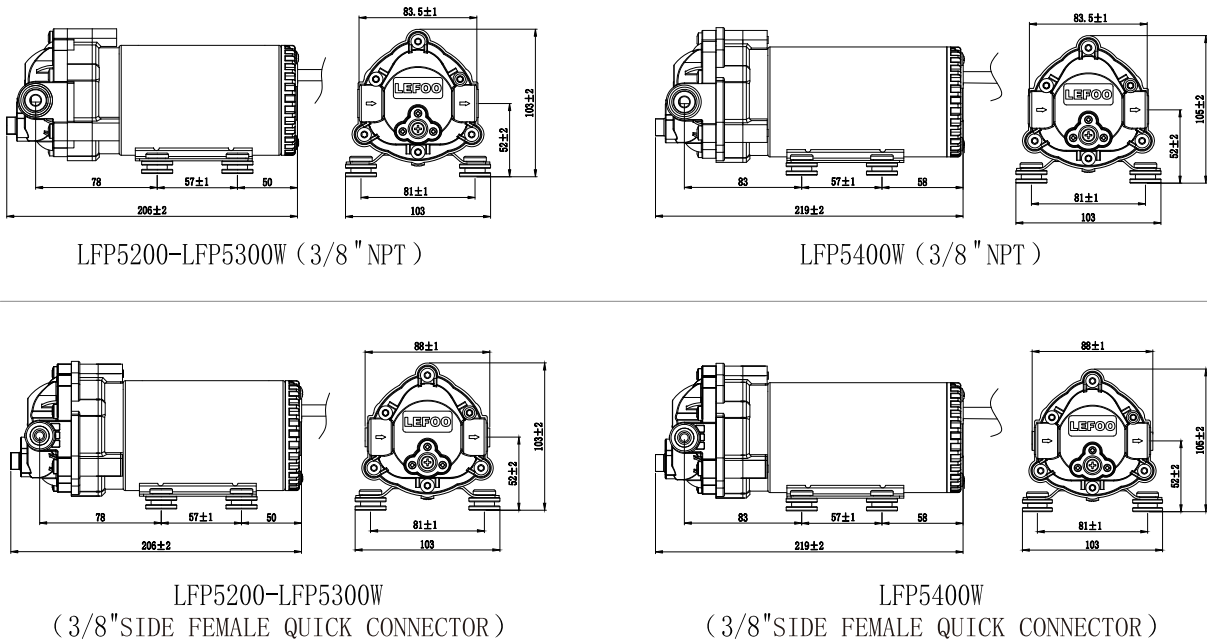
Product Specifications

Model	LFP5200W	LFP5300W-A	LFP5300W	LFP5400W
Voltage	115V AC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.5MPa			
Working Current	≤0.45A	≤0.5A	≤0.6A	≤0.63A
Working Flow Rate	≥1900ml/min	≥2200ml/min	≥2700ml/min	≥2950ml/min
Open Flow	≥2500ml/min	≥3000ml/min	≥3500ml/min	≥4000ml/min
Bypass Pressure	0.85-1.0MPa			0.85-1.05MPa
Maximum Current	≤0.65A	≤0.72A	≤0.85A	≤1.1A

Flow Curve

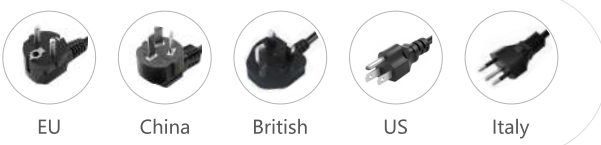


Mounting Dimension: mm

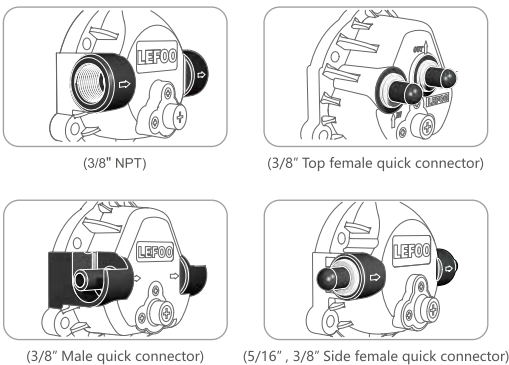


LFP500-800/115V SERIES

AC Diaphragm Booster Pump



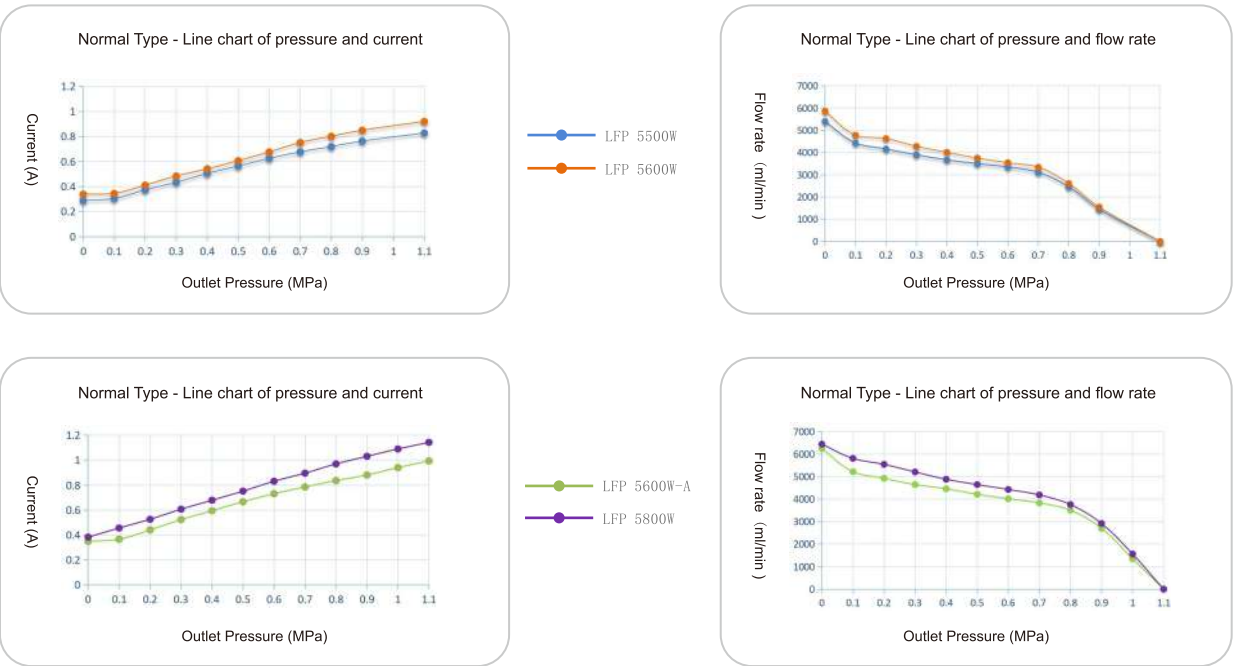
Connection



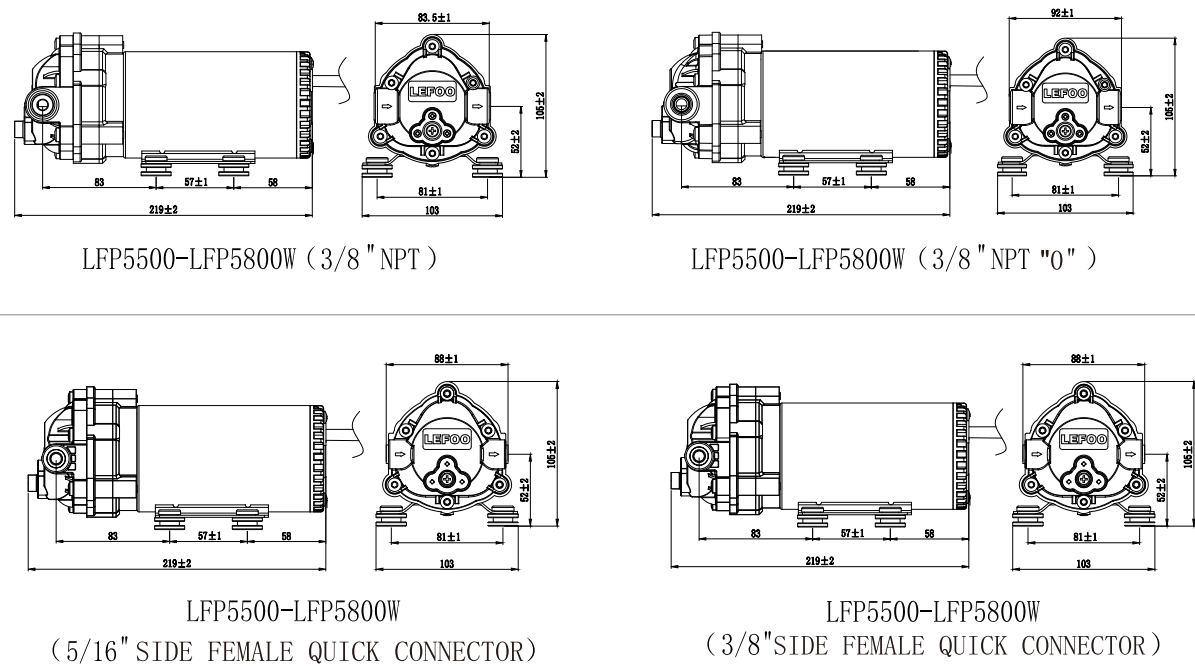
Product Specifications

Model	LFP5500W		LFP5600W		LFP5600W-A		LFP5800W	
Voltage	115V AC							
Inlet Water Pressure	0.2MPa							
Working Pressure	0.5MPa	0.7MPa	0.5MPa	0.7MPa	0.5MPa	0.7MPa	0.5MPa	0.7MPa
Working Current	≤0.8A	≤0.9A	≤0.9A	≤1.0A	≤0.95A	≤1.1A	≤1.1A	≤1.25A
Working Flow Rate	≥3250ml/min	≥2800ml/min	≥3600ml/min	≥3200ml/min	≥4000ml/min	≥3500ml/min	≥4400ml/min	≥4000ml/min
Open Flow	≥4800ml/min		≥5500ml/min		≥6000ml/min		≥6500ml/min	
Bypass Pressure	1.05-1.2MPa							
Maximum Current	≤1.2A		≤1.3A		≤1.4A		≤1.5A	

Flow Curve

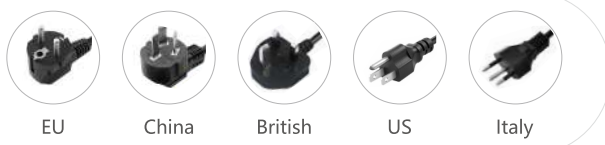


Mounting Dimension: mm

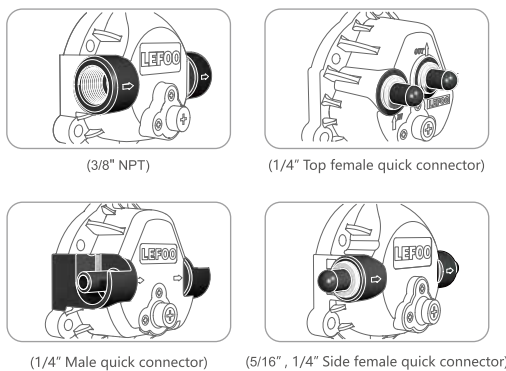


LFP50-150/230V SERIES

AC Diaphragm Booster Pump •



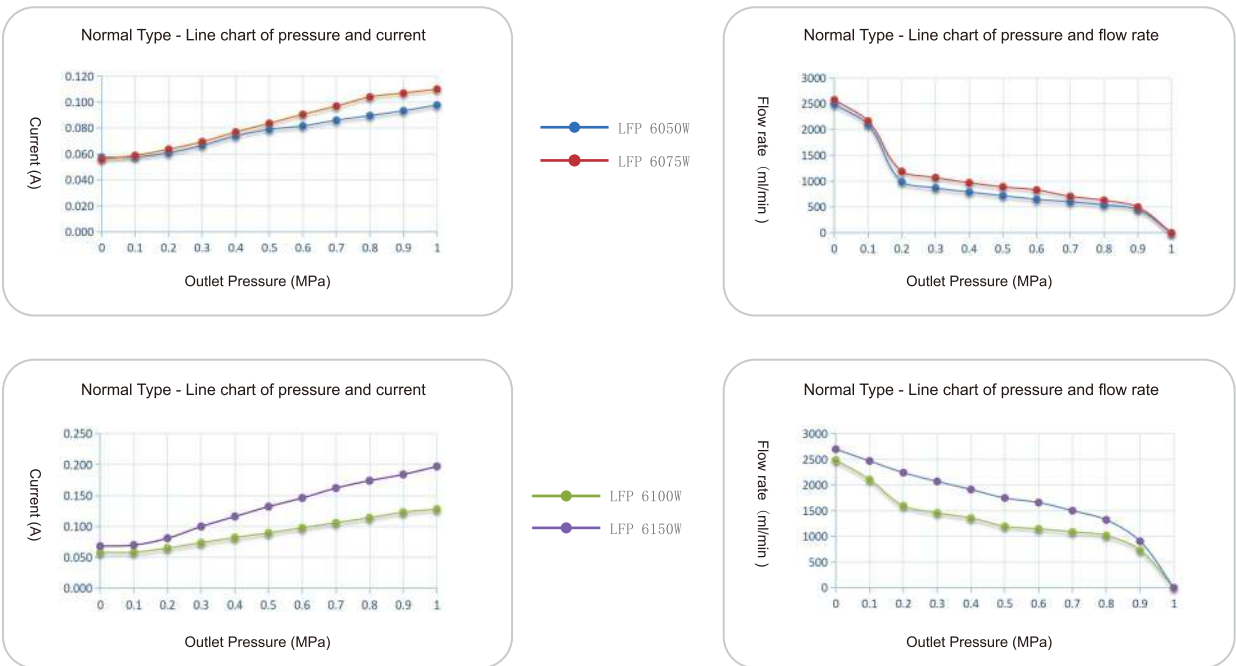
Connection



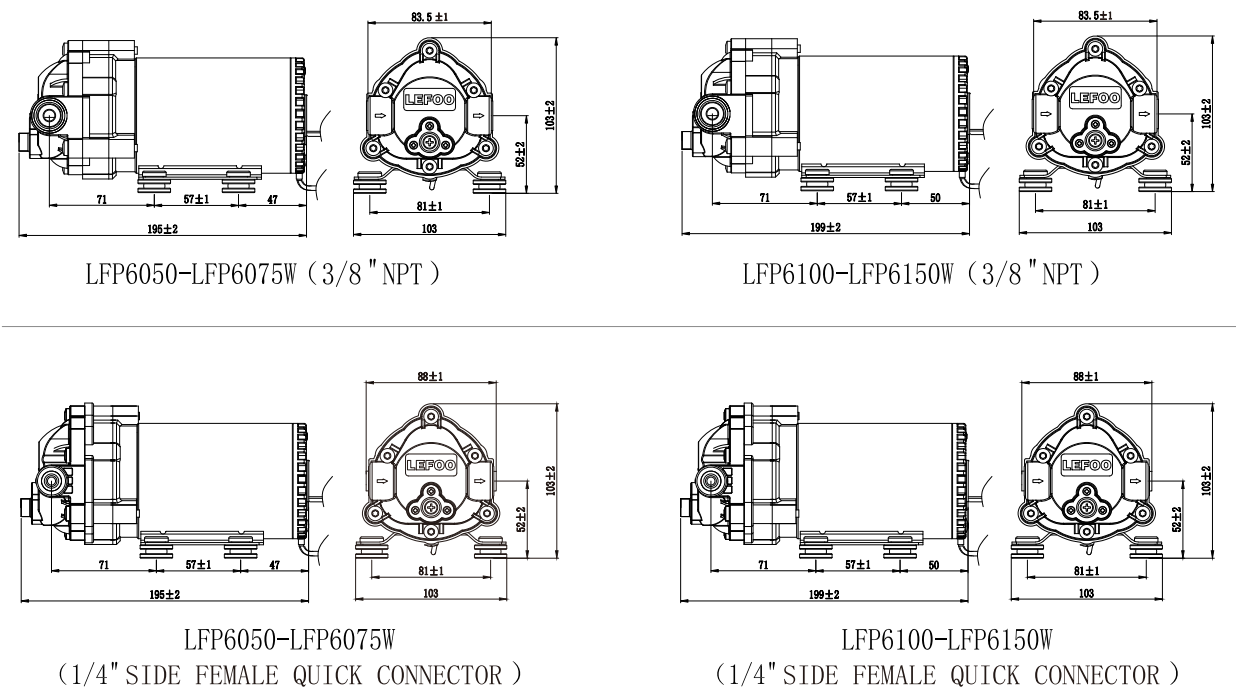
Product Specifications

Model	LFP6050W	LFP6075W	LFP6100W	LFP6150W
Voltage	230V AC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.5MPa			
Working Current	≤0.13A	≤0.14A	≤0.16A	≤0.20A
Working Flow Rate	≥600ml/min	≥750ml/min	≥980ml/min	≥1500ml/min
Open Flow	≥1600ml/min	≥1800ml/min	≥2000ml/min	≥2200ml/min
Bypass Pressure	0.85-1.0MPa			
Maximum Current	≤0.24A	≤0.24A	≤0.28A	≤0.28A

Flow Curve

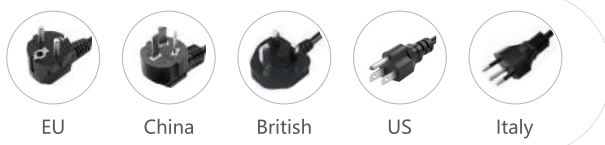


Mounting Dimension: mm

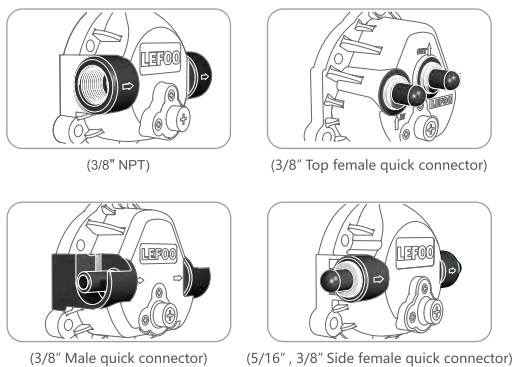


LFP200-400/230V SERIES

AC Diaphragm Booster Pump •



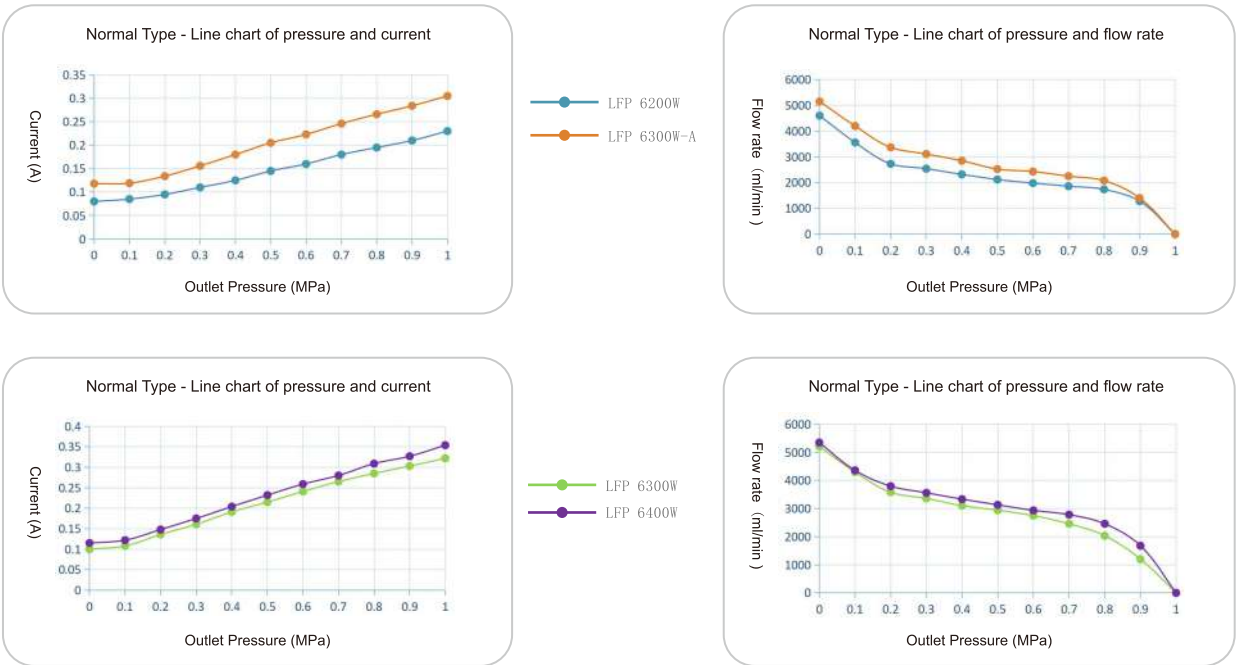
Connection



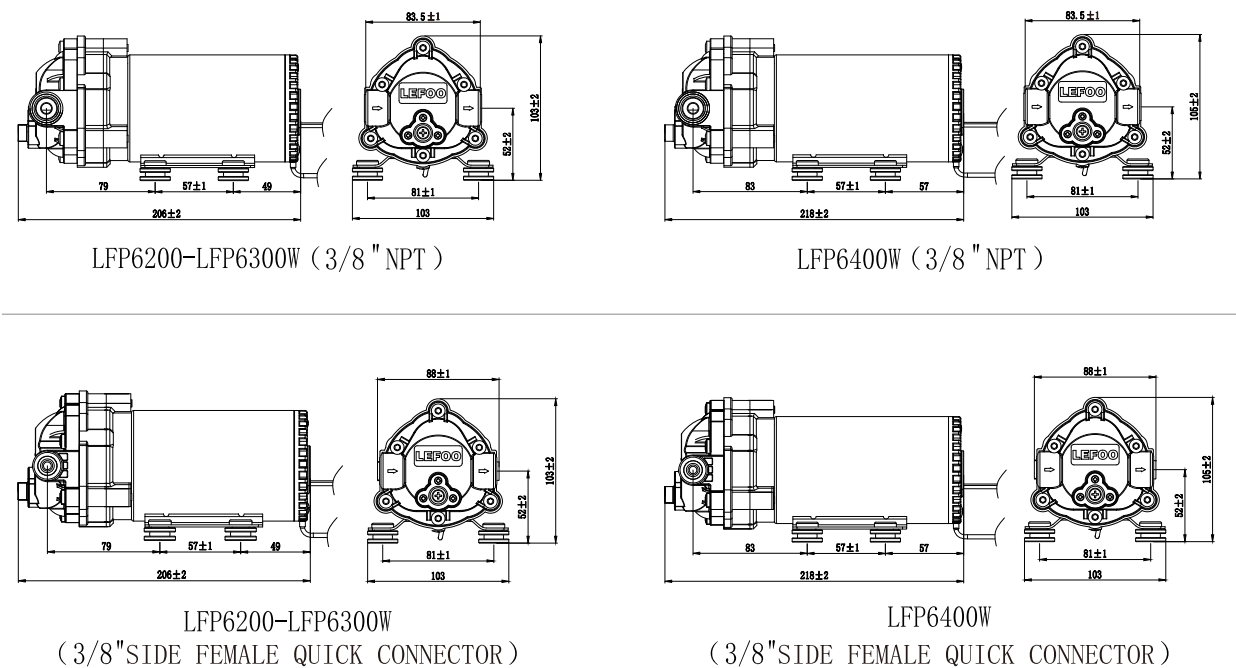
Product Specifications

Model	LFP6200W	LFP6300W-A	LFP6300W	LFP6400W
Voltage	230V AC			
Inlet Water Pressure	0.2MPa			
Working Pressure	0.5MPa			
Working Current	≤0.23A	≤0.26A	≤0.28A	≤0.30A
Working Flow Rate	≥1900ml/min	≥2200ml/min	≥2700ml/min	≥2950ml/min
Open Flow	≥2500ml/min	≥3000ml/min	≥3500ml/min	≥4000ml/min
Bypass Pressure	0.85-1.0MPa			
Maximum Current	≤0.35A	≤0.38A	≤0.4A	≤0.45A

Flow Curve

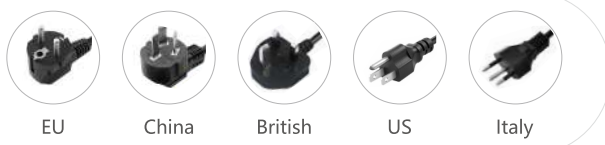


Mounting Dimension: mm

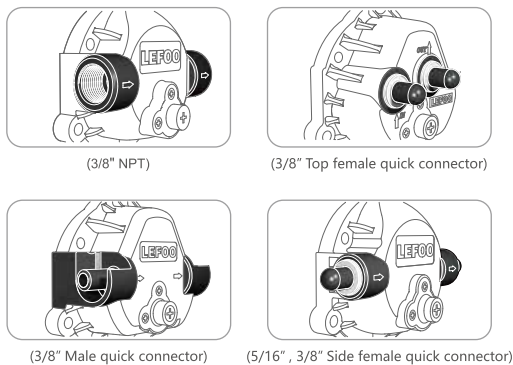


LFP500-800/230V SERIES

AC Diaphragm Booster Pump •



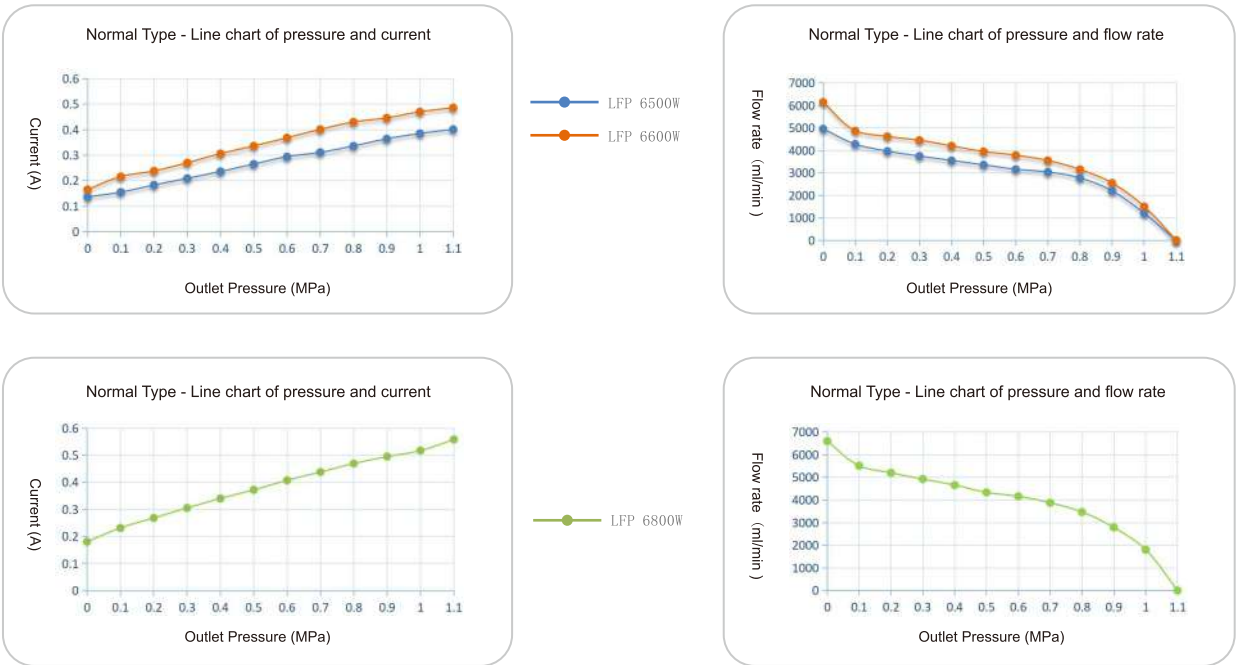
Connection



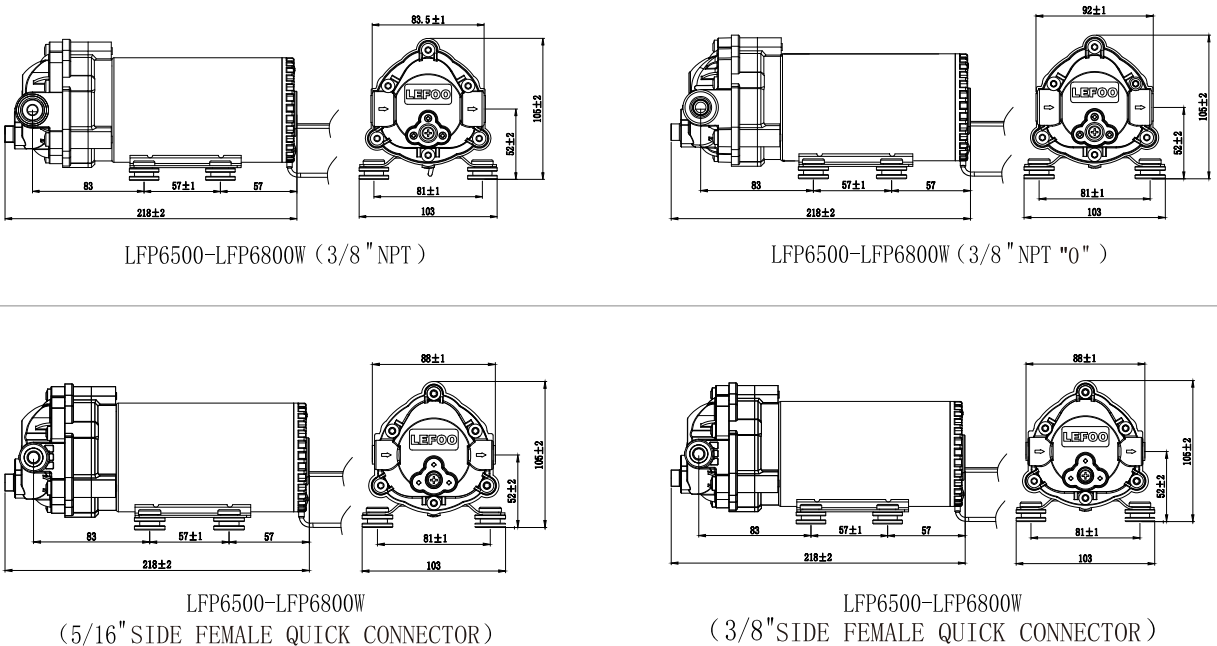
Product Specifications

Model	LFP6500W		LFP6600W		LFP6800W	
Voltage	230V AC					
Inlet Water Pressure	0.2MPa					
Working Pressure	0.5MPa	0.7MPa	0.5MPa	0.7MPa	0.5MPa	0.7MPa
Working Current	≤0.34A	≤0.39A	≤0.39A	≤0.43A	≤0.5A	≤0.55A
Working Flow Rate	≥3250ml/min	≥2800ml/min	≥3600ml/min	≥3200ml/min	≥4000ml/min	≥3600ml/min
Open Flow	≥4800ml/min		≥5000ml/min		≥6000ml/min	
Bypass Pressure	1.05-1.20MPa					
Maximum Current	≤0.53A		≤0.57A		≤0.8A	

Flow Curve



Mounting Dimension: mm



BRUSHLESS DIAPHRAGM BOOSTER PUMP

SERIES 3

Diaphragm pumps are a type of positive displacement pump. Diaphragm diaphragm serves to isolate the transport medium and the power end (motor). The diaphragm plays the role of sealing protection, while the diaphragm regular movement of the diaphragm to change the volume of the studio so as to suck and discharge liquid to achieve liquid and pressurization of the liquid.

..



 Certification CE, RoHS, REACH, certifications	 Energy Saving Energy saving and environmental protection, no sparks
 Food Safety All parts contact with water are complies with FDA, NSF, or EU food grade	 High Performance Motors Low noise, low vibration, strong power
 High Stability Brushless DC motor, compact size, long service life	 Overload Protection Over-current, over-voltage, under-voltage, over-temperature, locked-rotor protection

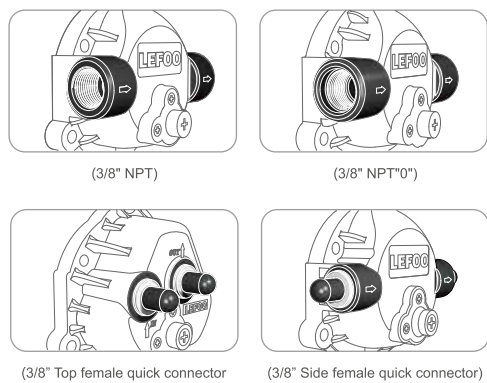


- Brushless diaphragm booster pump adopts brushless technology. It can be widely used in water purification system, coffee machine, RO purifier, water dispenser, sparking water machine, soda machine, water cooler dispenser, beverage dispenser, home appliances, water circulation system, misting system, low pressure cleaning equipment, hydrogen-making machine, etc.
- Brushless pump series from 50GPD-1000GPD, and the working flow is from 500mL/min-5000mL/min, the motor control mode is diversified and can be fixed frequency control, constant flow control, frequency conversion control, multi-flow control. ...

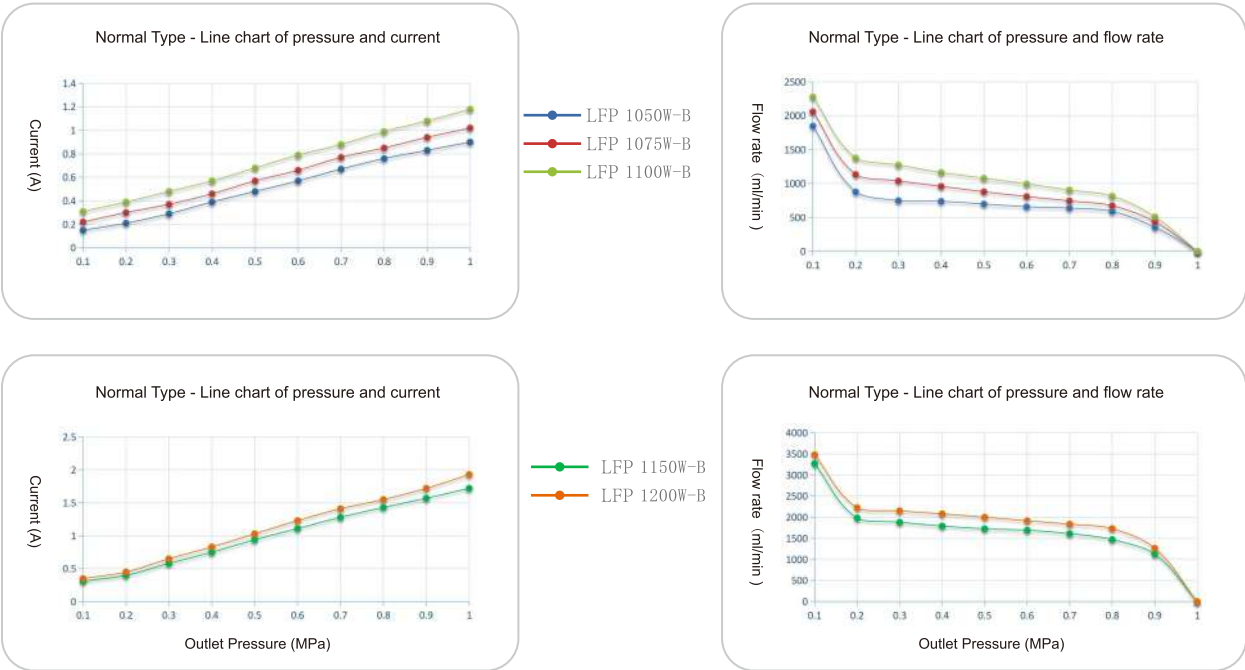
LFP50-200 SERIES

Brushless Diaphragm Booster Pump

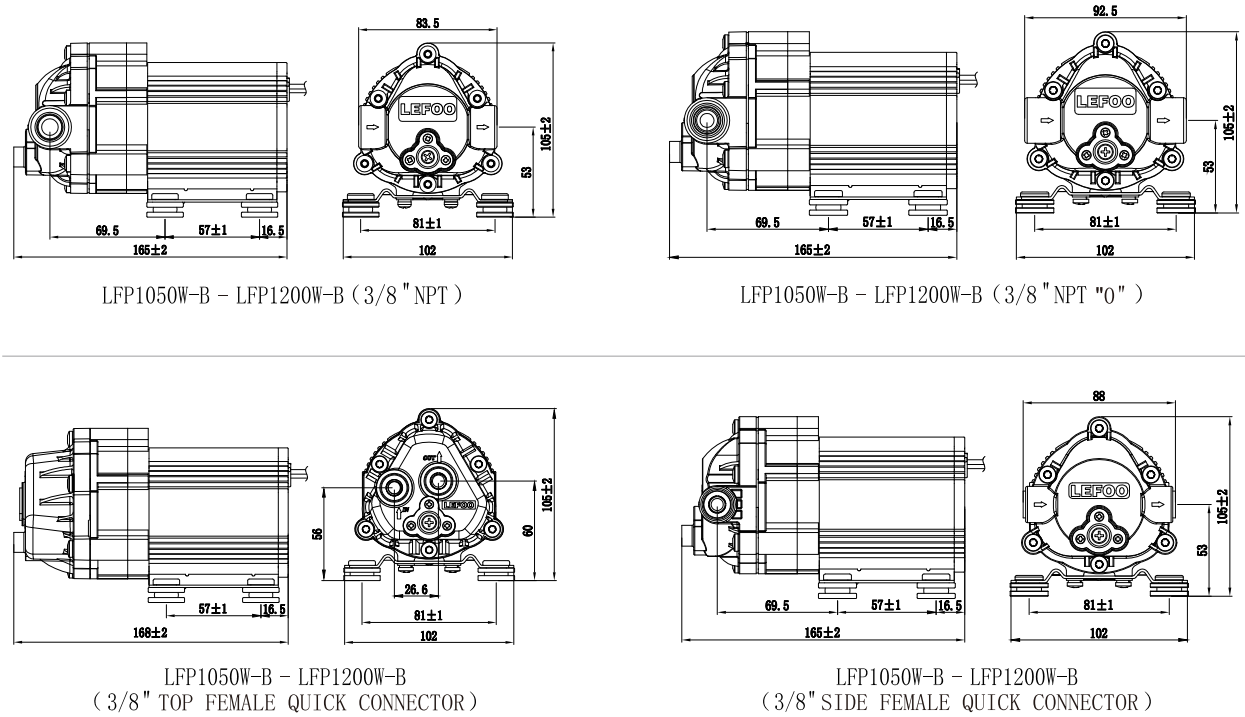
Interface method



Flow Curve



Installation size



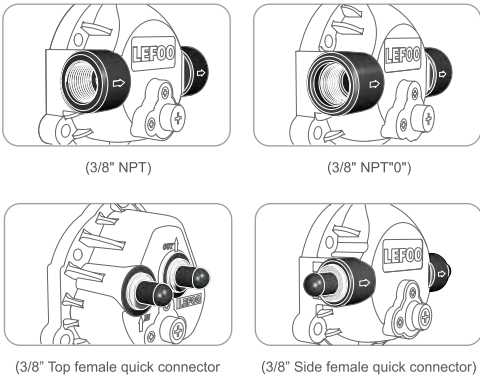
Product Specifications

Model	LFP1050W-B	LFP1075W-B	LFP1100W-B	LFP1150W-B	LFP1200W-B
Voltage	24V DC				
Inlet Water Pressure	0.2MPa				
Working Pressure	0.5MPa				
Working Current	≤0.7A	≤0.9A	≤1.2A	≤1.5A	≤1.9A
Working Flow Rate	≥600ml/min	≥750ml/min	≥980ml/min	≥1500ml/min	≥1900ml/min
Open Flow	≥1600ml/min	≥1800ml/min	≥2000ml/min	≥2200ml/min	≥2500ml/min
Bypass Pressure	0.8-1.0MPa				
Maximum Current	≤1.0A	≤1.2A	≤1.4A	≤2.0A	≤2.5A

LFP300-500 SERIES

Brushless Diaphragm Booster Pump

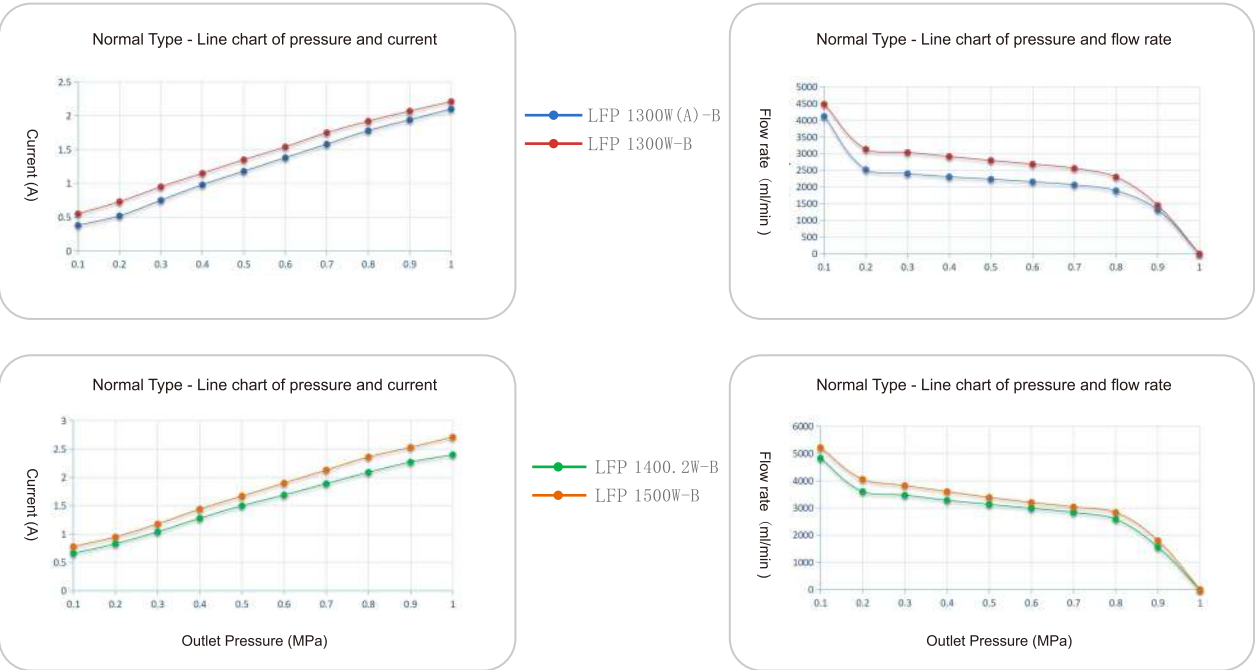
Interface method



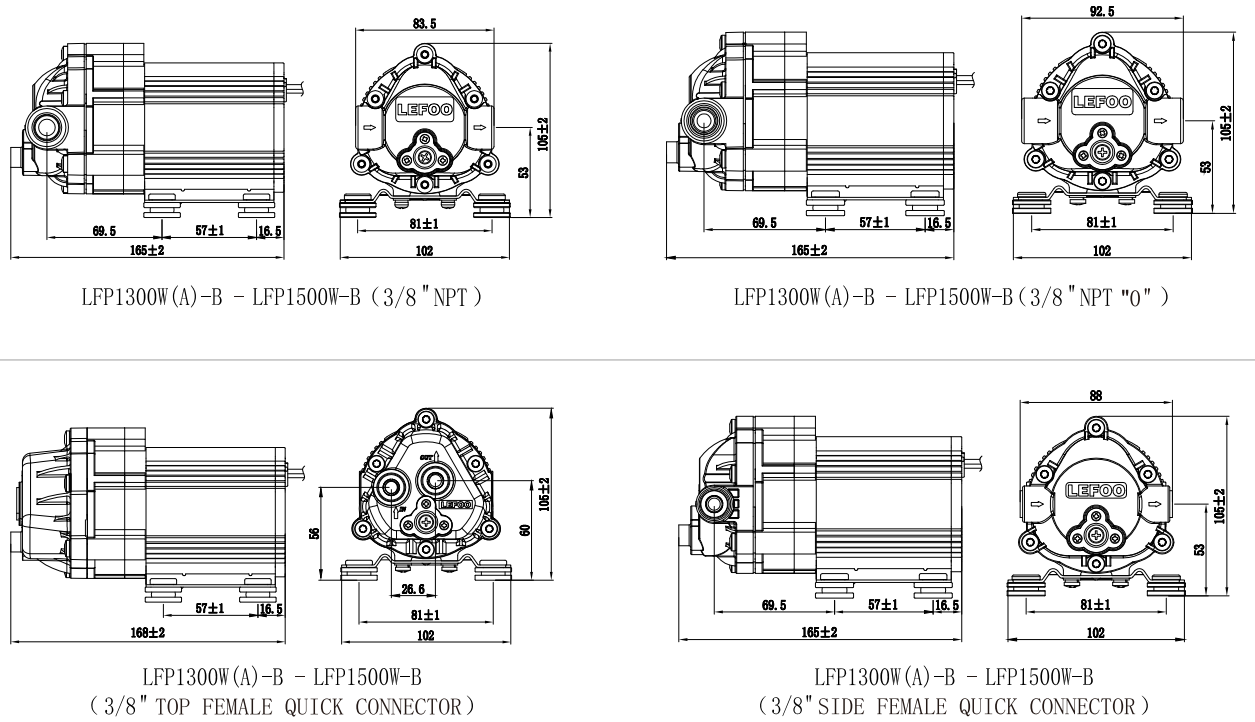
Product Specifications

Model	LFP1300W(A)-B	LFP1300W-B	LFP1400.2W-B	LFP1500W-B	
Voltage	24V DC			24V DC	
Inlet Water Pressure	0.2MPa			0.2MPa	
Working Pressure	0.5MPa			0.5MPa	0.7MPa
Working Current	≤2.0A	≤2.2A	≤2.4A	≤2.6A	≤2.8A
Working Flow Rate	≥2200ml/min	≥2700ml/min	≥2950ml/min	≥3250ml/min	≥2800ml/min
Open Flow	≥3000ml/min	≥3000ml/min	≥4000ml/min	≥5000ml/min	
Bypass Pressure	0.85-1.0MPa			0.85-1.05MPa	
Maximum Current	≤2.8A	≤3.0A	≤3.2A	≤3.5A	

Flow Curve



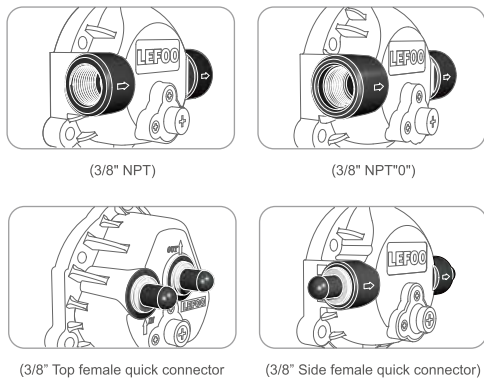
Installation size



LFP600-1000 SERIES

Brushless Diaphragm Booster Pump

Interface method

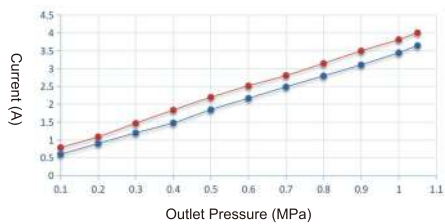


Product Specifications

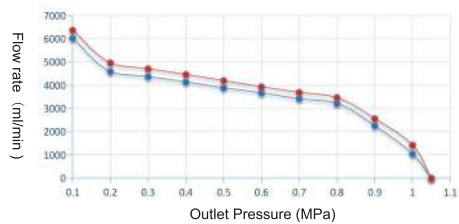
Model	LFP1600W-B	LFP1600W(A) - B	LFP2800W-B	LFP21000W-B
Voltage	24V DC		36V DC	
Inlet Water Pressure	0.2MPa		0.2MPa	
Working Pressure	0.7MPa		0.7MPa	
Working Current	≤3.2A	≤4.0A	≤2.8A	≤3.5A
Working Flow Rate	≥3200ml/min	≥3500ml/min	≥4000ml/min	≥5000ml/min
Open Flow	≥6000ml/min		≥6500ml/min	
Bypass Pressure	0.85-1.05MPa		1.05-1.2MPa	
Maximum Current	≤4.0A	≤4.5A	≤3.5A	≤4.5A

Flow Curve

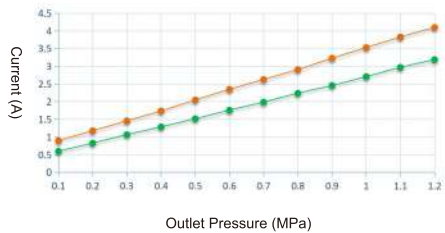
24V Normal Type - Line chart of pressure and current



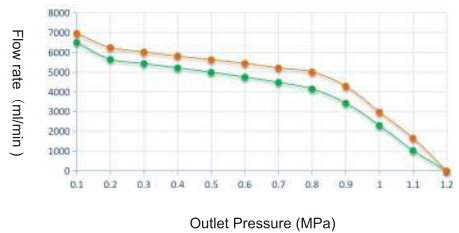
24V Normal Type - Line chart of pressure and flow rate



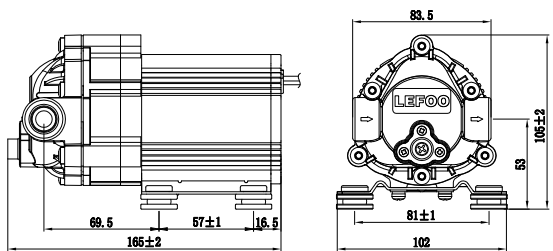
36V Normal Type - Line chart of pressure and current



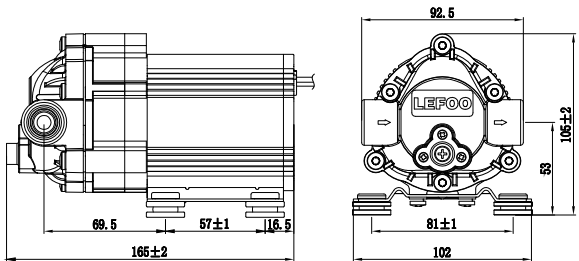
36V Normal Type - Line chart of pressure and flow rate



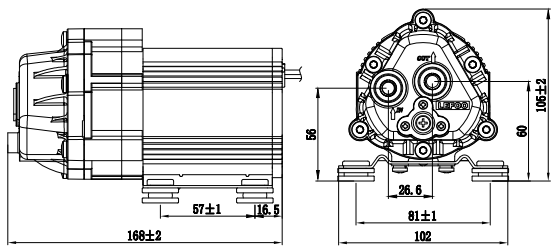
Installation size



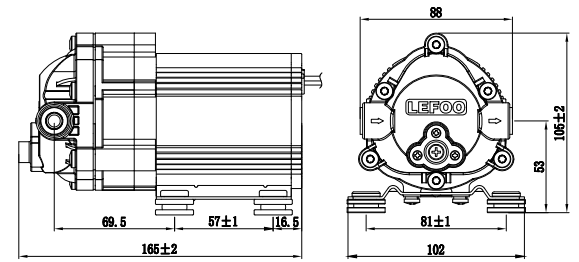
LFP1600W-B - LFP21000W-B (3/8" NPT)



LFP1600W-B - LFP21000W-B (3/8" NPT "0")



LFP1600W-B - LFP21000W-B
(3/8" TOP FEMALE QUICK CONNECTOR)



LFP1600W-B - LFP21000W-B
(3/8" SIDE FEMALE QUICK CONNECTOR)

12V DC

DIAPHRAGM

BOOSTER PUMP

SERIES 4

Diaphragm pumps are a type of positive displacement pump. Diaphragm diaphragm serves to isolate the transport medium and the power end (motor). The diaphragm plays the role of sealing protection, while the diaphragm regular movement of the diaphragm to change the volume of the studio so as to suck and discharge liquid to achieve liquid and pressurization of the liquid.

..



 Certification CE, RoHS, REACH, certifications	 High Strength High strength plastic and metal materials
 Food Safety All parts contact with water are complies with FDA, NSF, or EU food grade	 High Performance Motors Low noise, low vibration, strong power
 High Stability Large water flow, compact size, stable pressure, long service life	 100% Quality Control 100% quality control for whole production process



- Diaphragm booster pumps can be used in RV water purification system, drinking water filtration system, RO purifier, water dispenser, sparking water machine, soda machine, water cooler dispenser, beverage dispenser, home appliances, laboratory or medical water purification system, water circulation system, misting system, low pressure cleaning equipment, etc.
- Strong power DC motor, DC optional with 12V, 24V or 36V. All pure copper wire wound rotor structure, load resistance, high temperature stability. A variety of connection options are available.

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LFP0050W SERIES

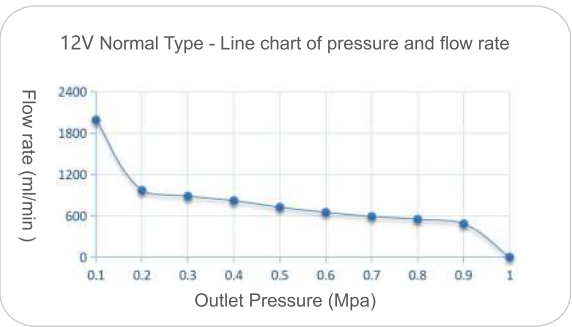
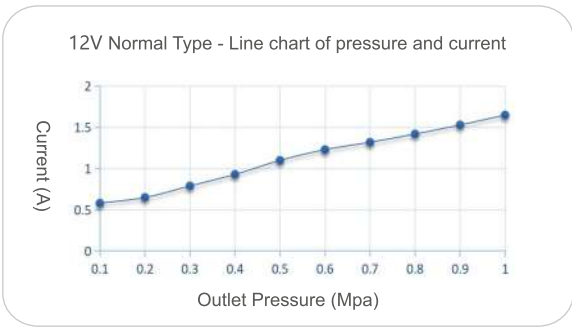
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



Flow Curve



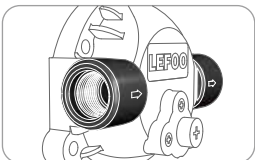
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0050W	12VDC	0.2MPa	0.5MPa	≤1.5A	≥600mL/min	≥1600mL/min	0.8-1.0MPa	≤2.0A

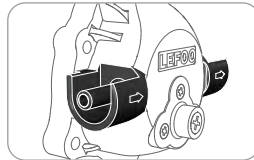
Connection



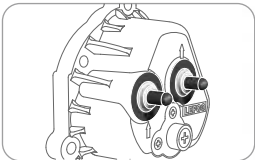
(3/8" NPT)



(3/8" NPT"O")



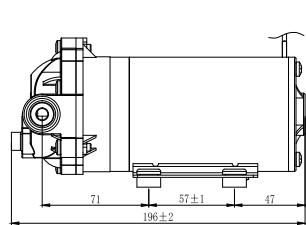
(1/4" Male quick connector)



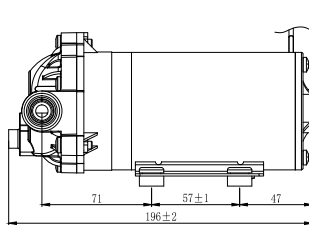
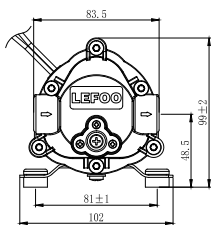
(1/4" Top female quick connector)



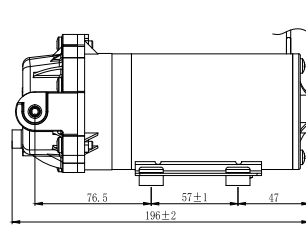
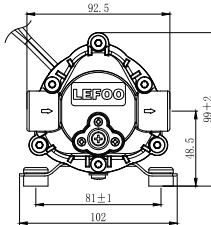
Mounting Dimension: mm



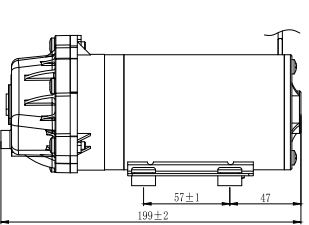
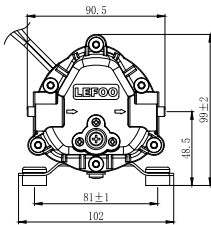
LFP0050W (3/8"NPT)



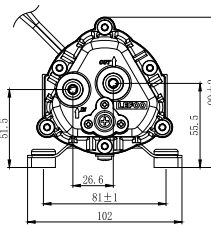
LFP0050W (3/8" NPT"O")



LFP0050W (1/4" MALE QUICK CONNECTOR)



LFP0050W (1/4" TOP FEMALE QUICK CONNECTOR)



LFP0075W SERIES

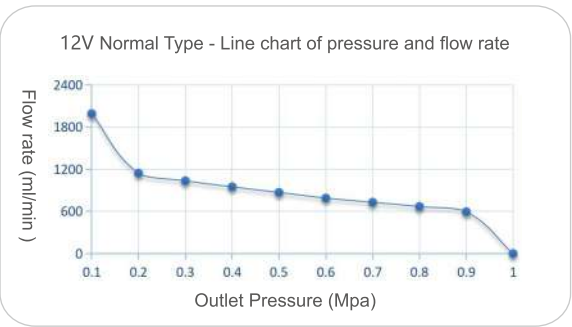
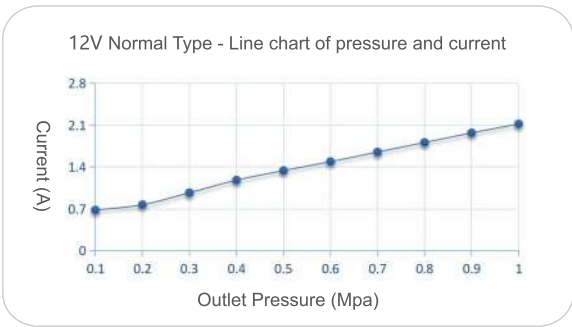
Diaphragm Booster Pump

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



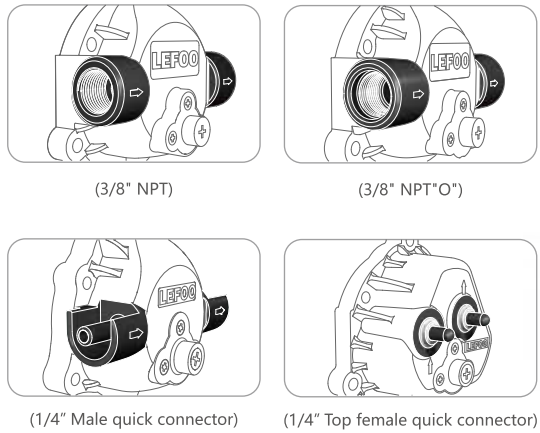
Flow Curve



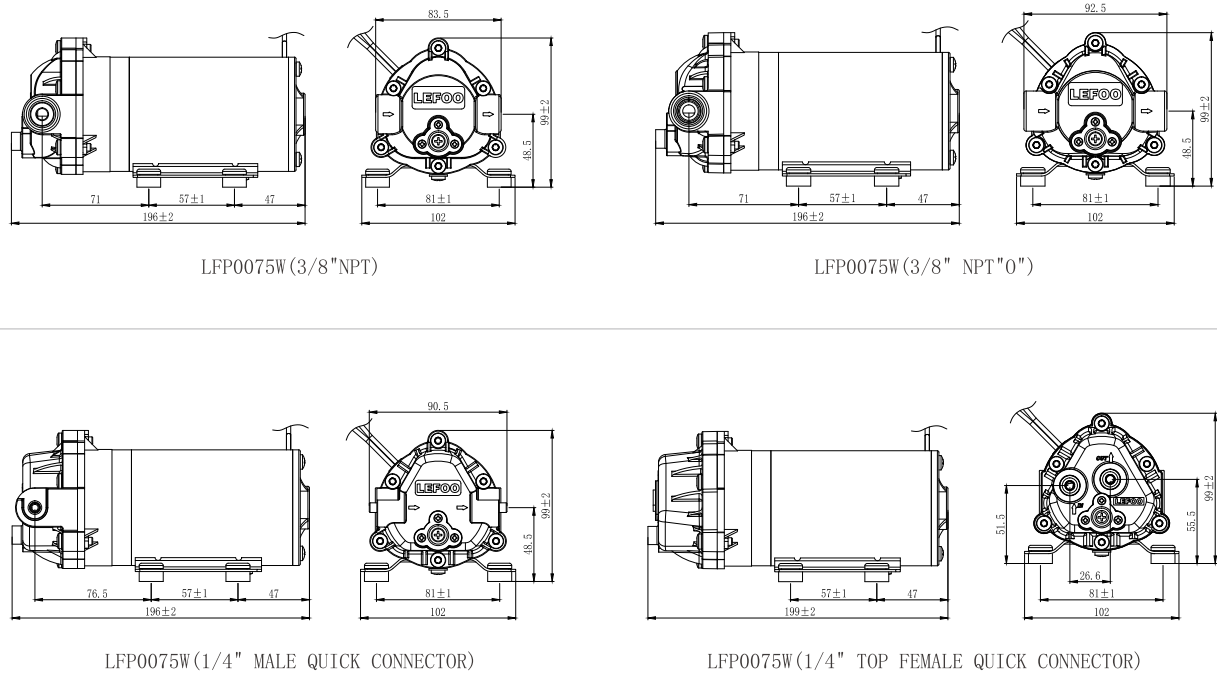
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0075W	12VDC	0.2MPa	0.5MPa	≤1.8A	≥750mL/min	≥1800mL/min	0.8-1.0MPa	≤2.4A

Connection



Mounting Dimension: mm



LFP0100W SERIES

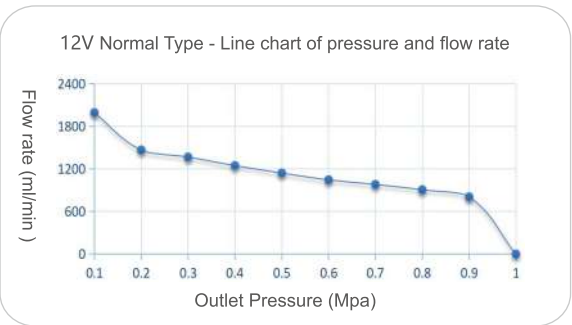
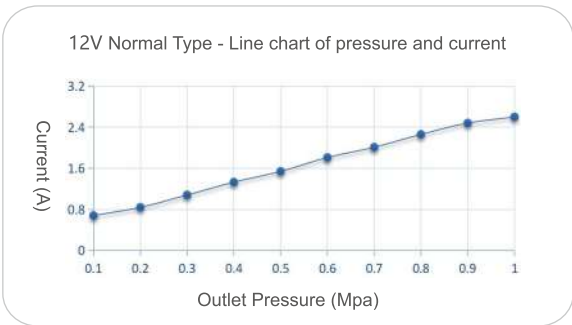
Diaphragm Booster Pump

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



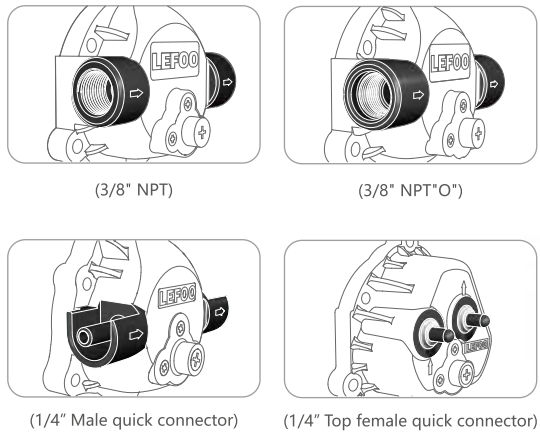
Flow Curve



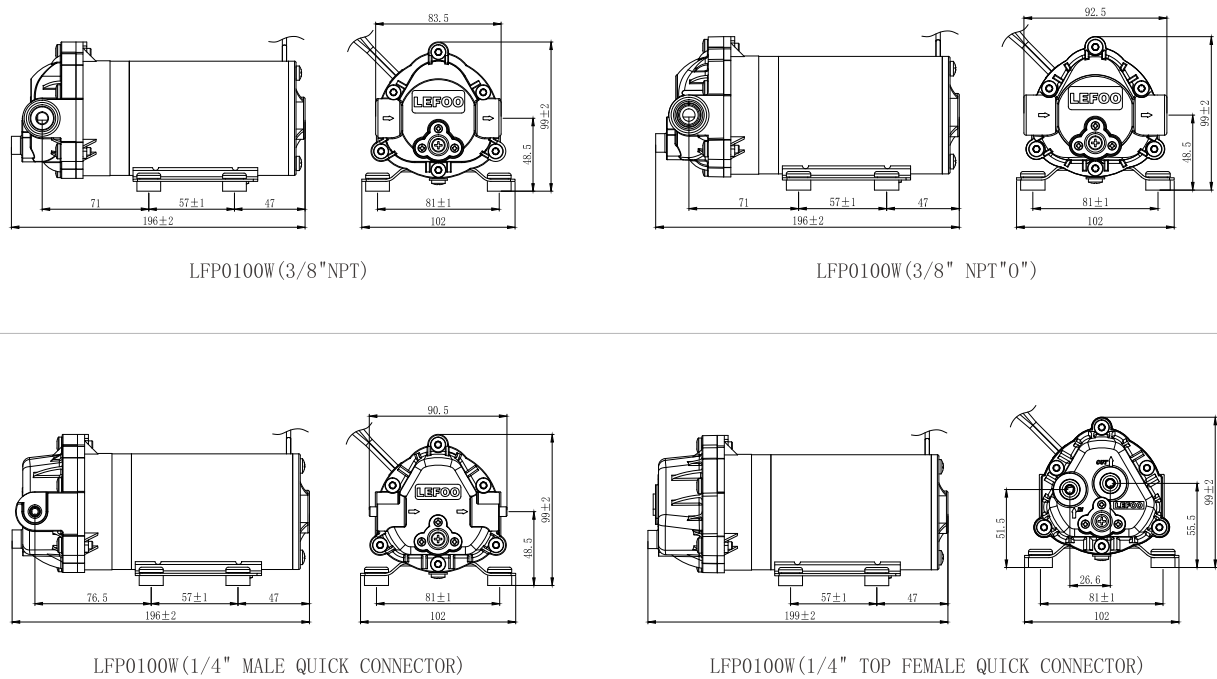
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0100W	12VDC	0.2MPa	0.5MPa	≤2.1A	≥980mL/min	≥2000mL/min	0.8-1.0MPa	≤2.8A

Connection



Mounting Dimension: mm



LFP0150W SERIES

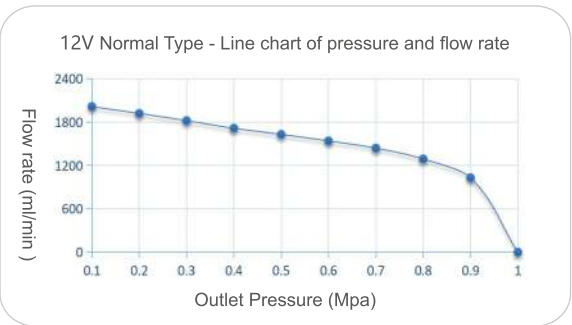
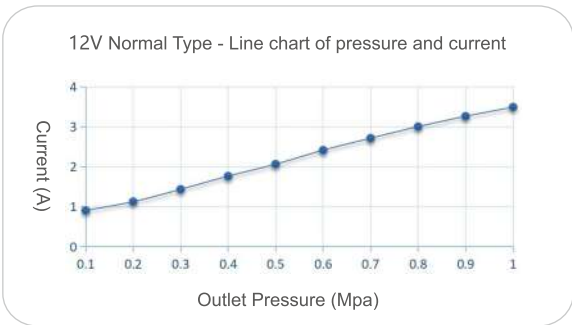
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



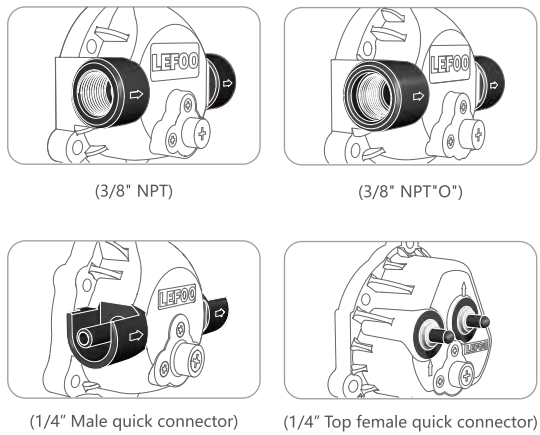
Flow Curve



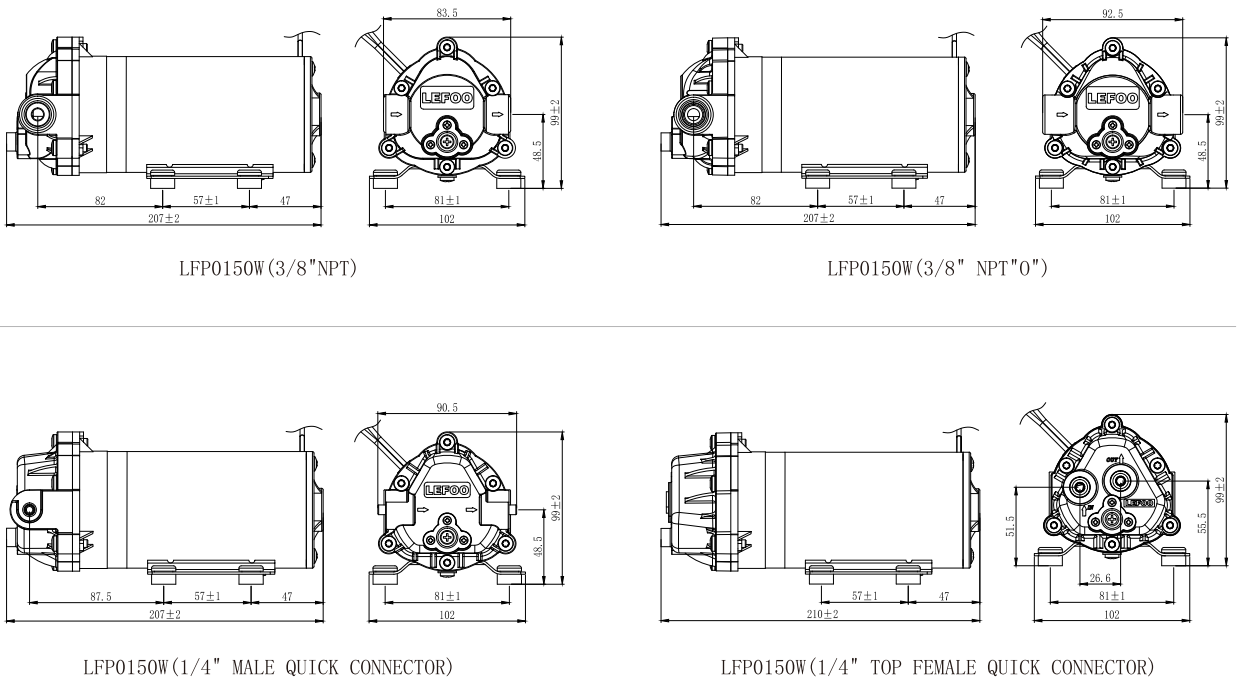
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0150W	12VDC	0.2MPa	0.5MPa	≤2.6A	≥1500mL/min	≥2200mL/min	0.8-1.0MPa	≤3.8A

Connection



Mounting Dimension: mm



LFP0200W SERIES

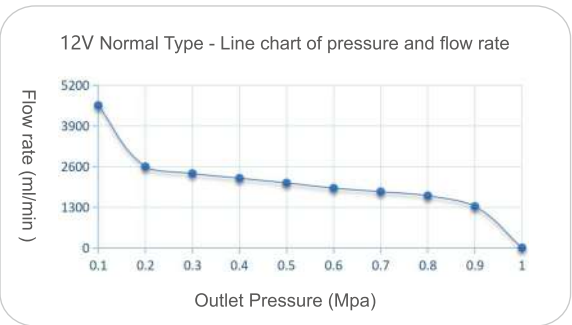
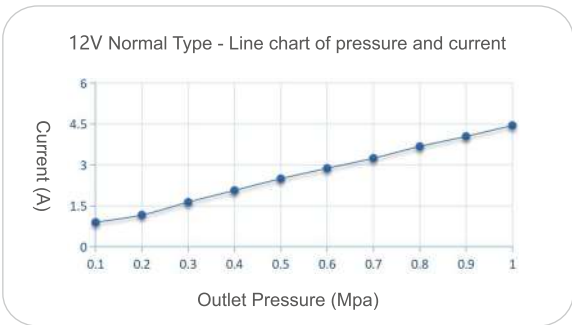
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



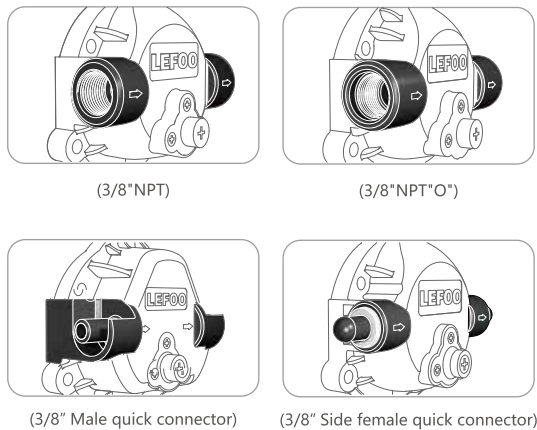
Flow Curve



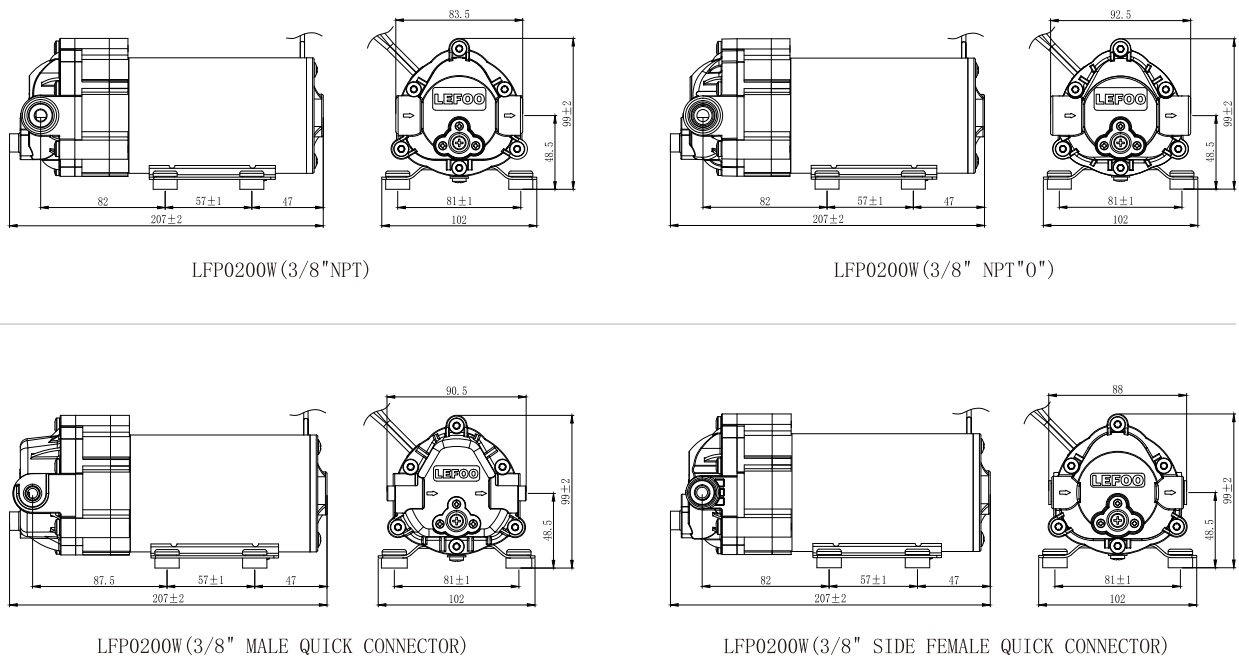
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0200W	12VDC	0.2MPa	0.5MPa	≤3.2A	≥1900mL/min	≥2500mL/min	0.8-1.0MPa	≤4.8A

Connection



Mounting Dimension: mm



LFP0300W-A SERIES

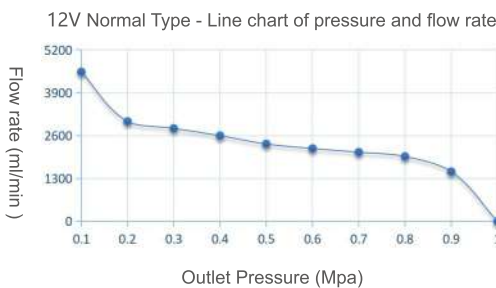
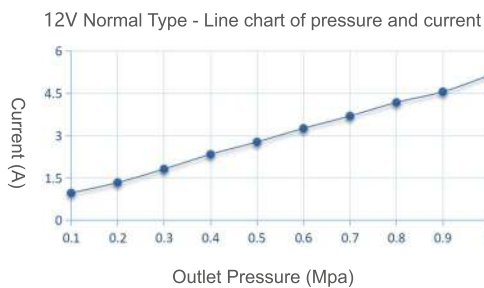
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



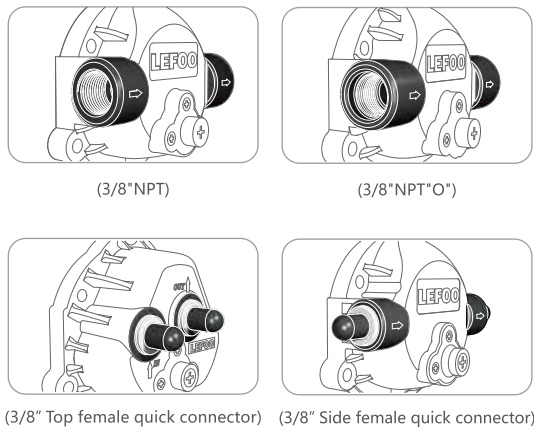
Flow Curve



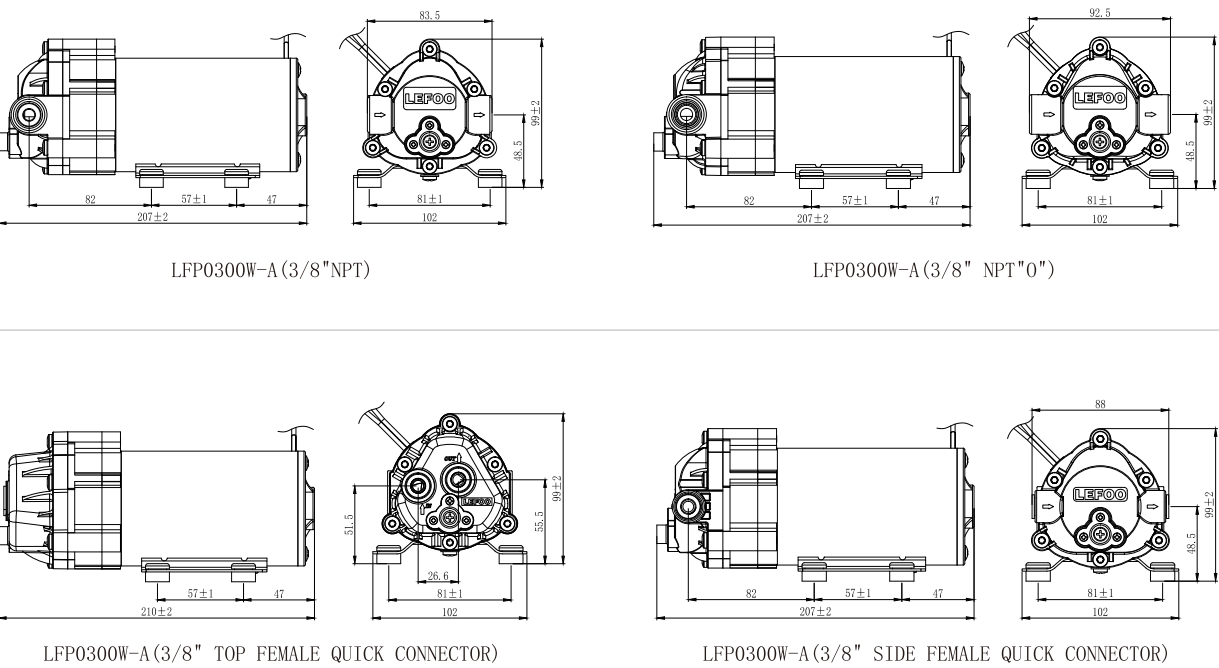
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0300W-A	12VDC	0.2MPa	0.5MPa	≤3.8A	≥2200mL/min	≥3000mL/min	0.8-1.0MPa	≤5.6A

Connection



Mounting Dimension: mm



LFP0300W SERIES

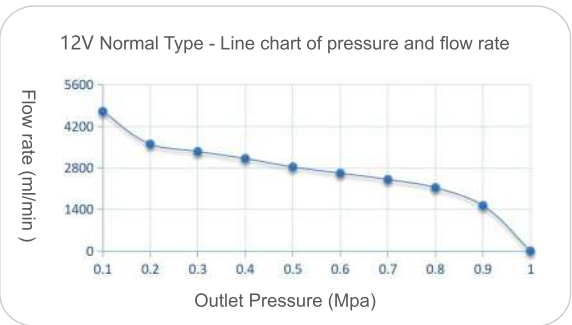
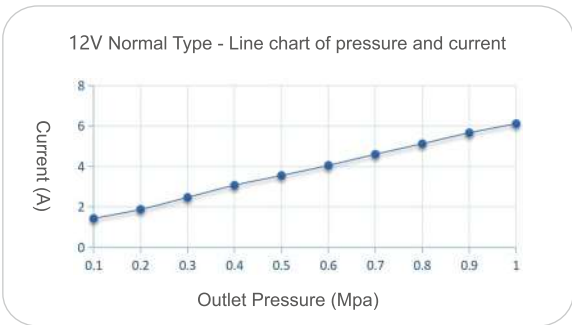
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
High strength plastic and metal materials
- High Performance Motors**
Low noise, low vibration, strong power
- 100% Quality Control**
100% quality control for whole production process



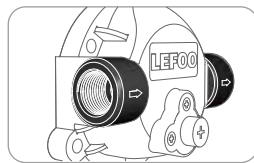
Flow Curve



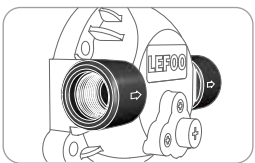
Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0300W	12VDC	0.2MPa	0.5MPa	≤4.2A	≥2700mL/min	≥3500mL/min	0.8-1.0MPa	≤6.5A

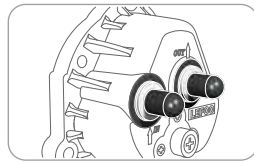
Connection



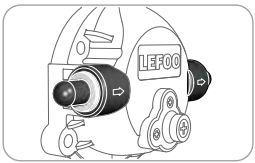
(3/8"NPT)



(3/8"NPT"O")



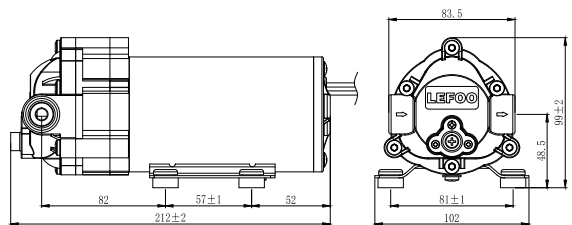
(3/8" Top female quick connector)



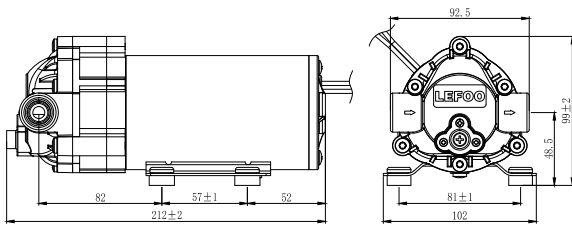
(3/8" Side female quick connector)



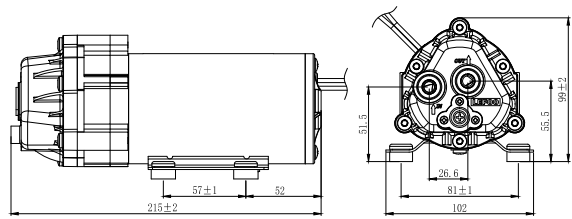
Mounting Dimension: mm



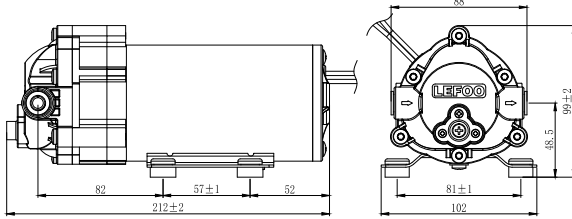
LFP0300W (3/8"NPT)



LFP0300W (3/8" NPT"O")



LFP0300W (3/8" TOP FEMALE QUICK CONNECTOR)



LFP0300W (3/8" SIDE FEMALE QUICK CONNECTOR)

LFP0400W SERIES

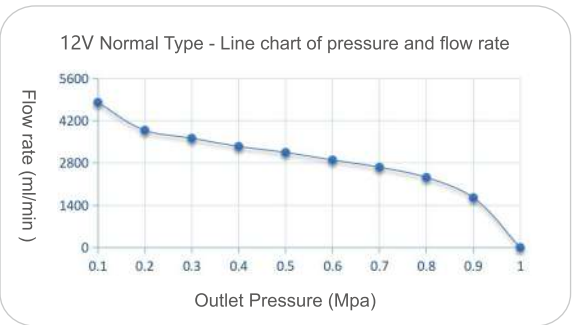
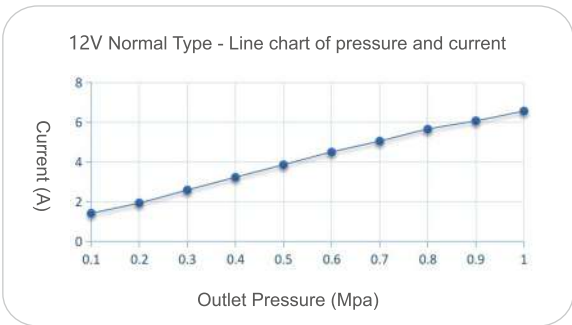
Diaphragm Booster Pump •

Features

- Certification**
CE, RoHS, REACH, certifications
- Food Safety**
All parts contact with water are complies with FDA, NSF, or EU food grade
- High Stability**
Large water flow, compact size, stable pressure, long service life
- High Strength**
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Low noise, low vibration, strong power
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100% quality control for whole production process



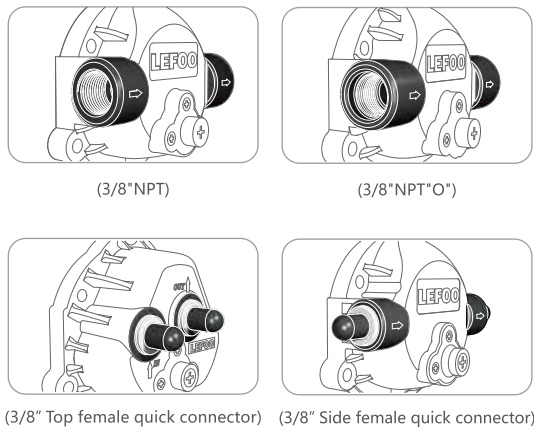
Flow Curve



Product Specifications

Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current
LFP0400W	12VDC	0.2MPa	0.5MPa	≤4.5A	≥2950mL/min	≥4000mL/min	0.8-1.0MPa	≤7.0A

Connection



Mounting Dimension: mm

