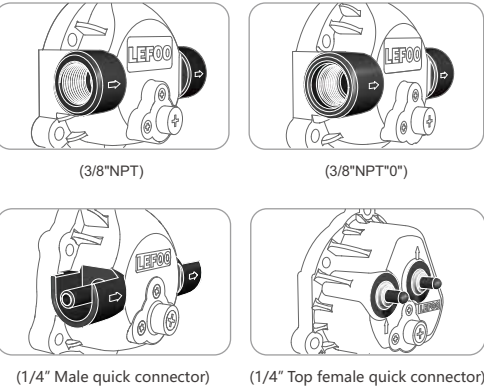


LFP50 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

① Self-priming type

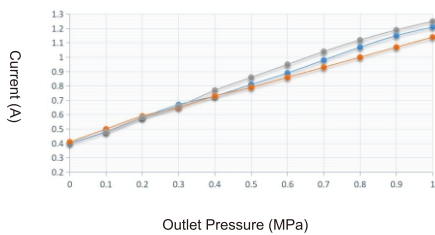
Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1050ES	24V DC	0MPa	0.5MPa	≤1.0A	≥650mL/min	≥900mL/min	0.8-1.0MPa	≤1.4A	≥2.0m
LFP1050JS				≤1.2A		≥1000mL/min		≤1.55A	≥3.0m
LFP1050S						≥1100mL/min			

② Normal type

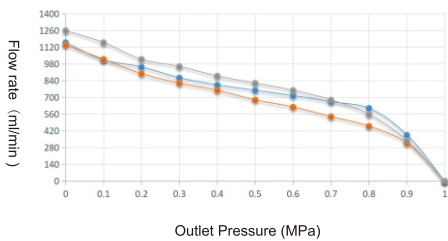
Model	Voltage	Inlet Water Pressure	Working Pressure	Working Current	Working Flow Rate	Open Flow	Bypass Pressure	Maximum Current	Self-priming Height
LFP1050E	24V DC	0.2MPa	0.5MPa	≤0.8A	≥600mL/min	≥1600mL/min	0.8-1.0MPa	≤1.1A	/
LFP1050J				≤0.7A				≤1.0A	
LFP1050W-P									
LFP1050W							0.85-1.0MPa		

Flow Curve

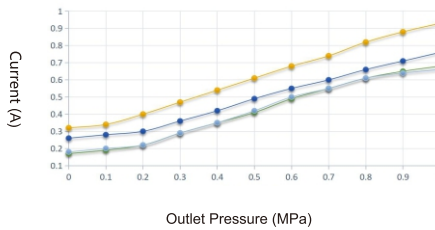
Self-priming Type - Line chart of pressure and current



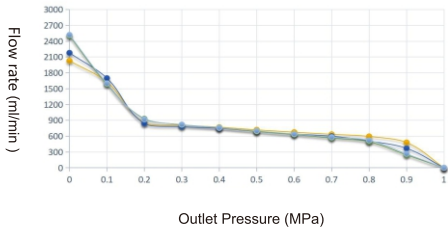
Self-priming Type - Line chart of pressure and flow rate



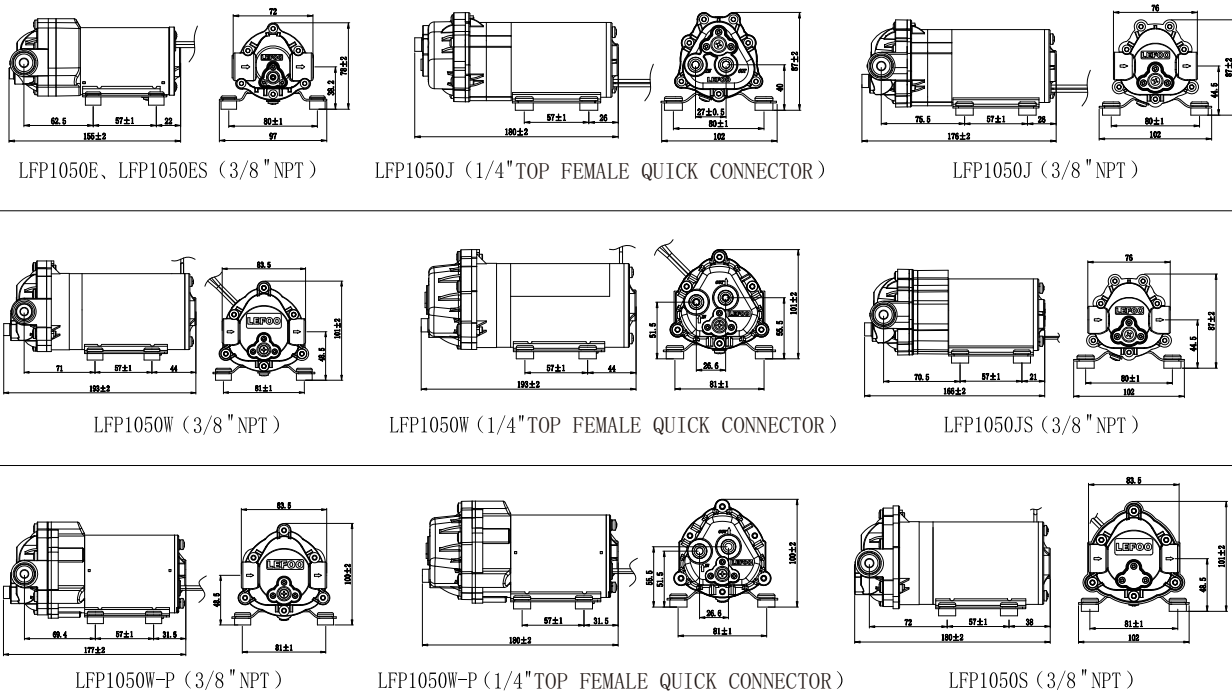
Normal Type - Line chart of pressure and current



Normal Type - Line chart of pressure and flow rate



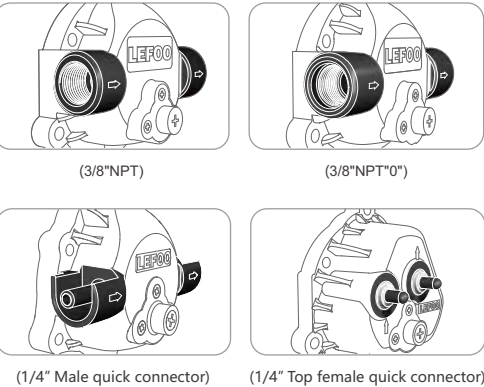
Mounting Dimension: mm



LFP75 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

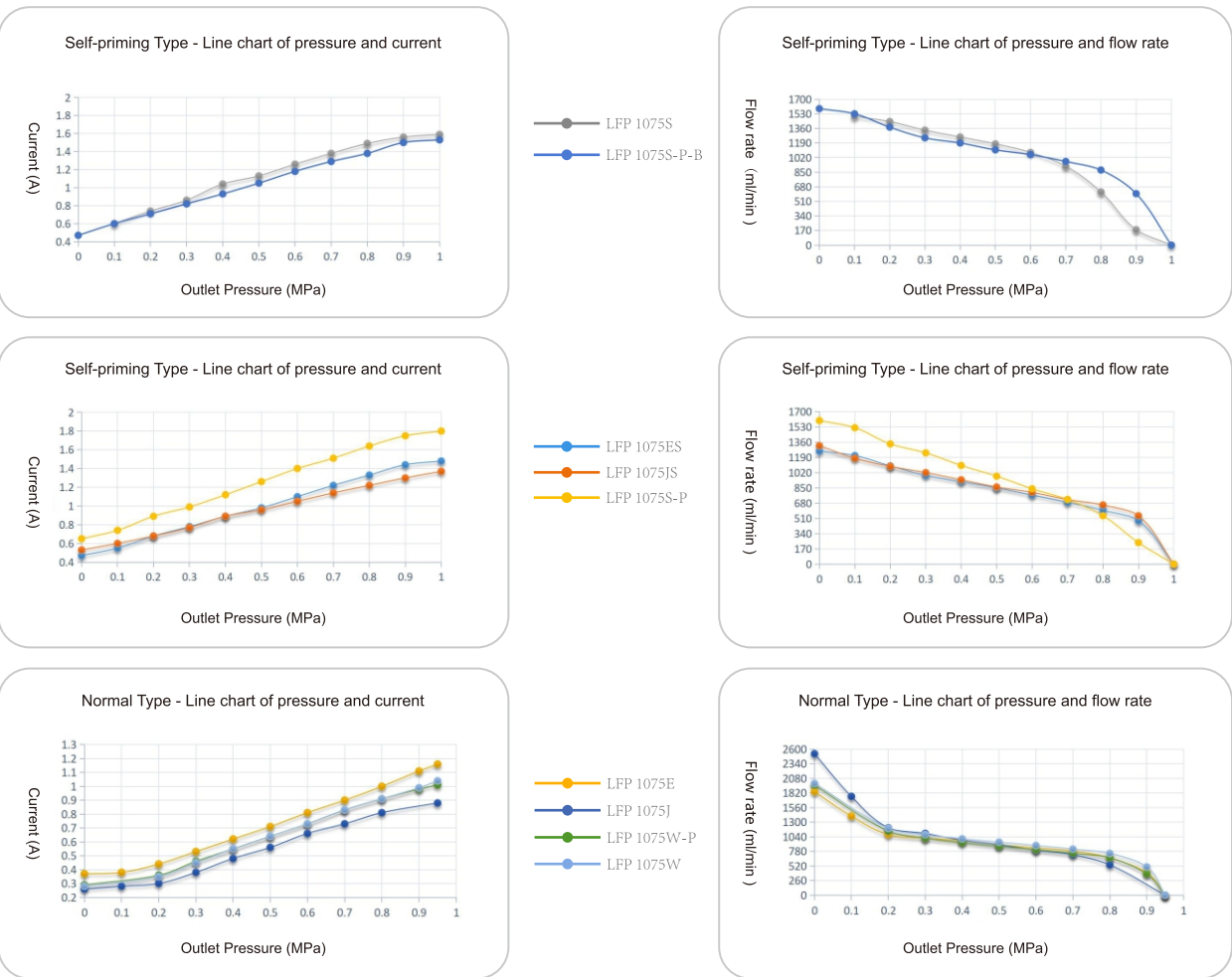
① Self-priming type

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														

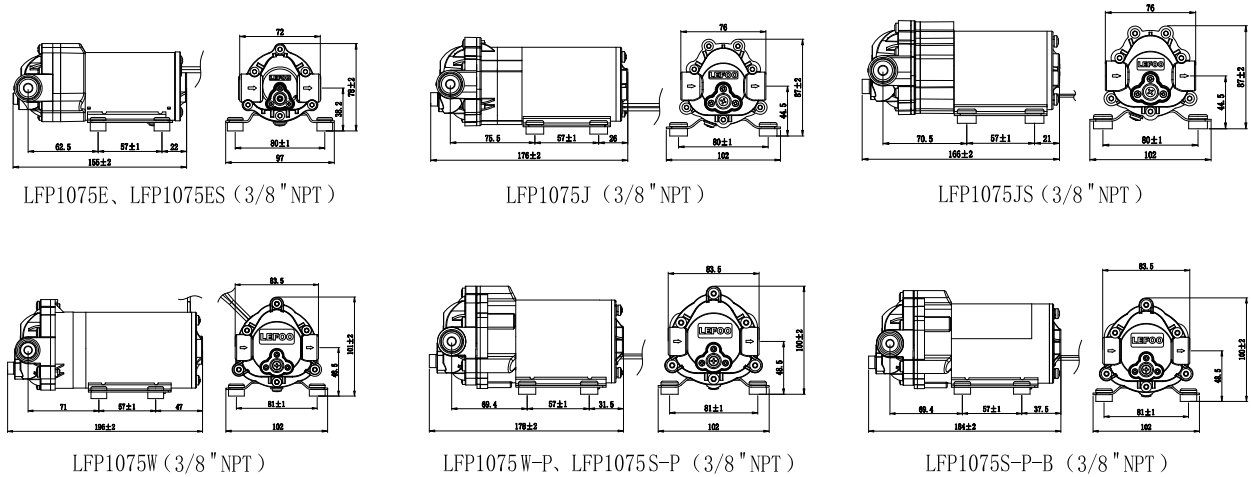
② Normal type

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



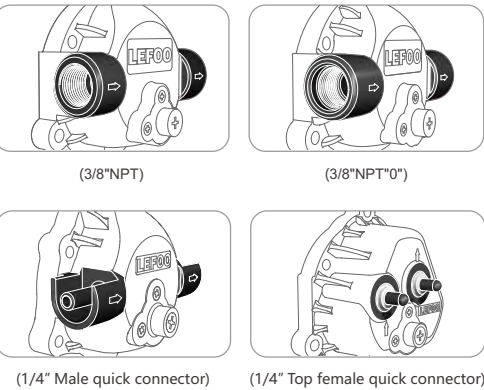
Mounting Dimension: mm



LFP100 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

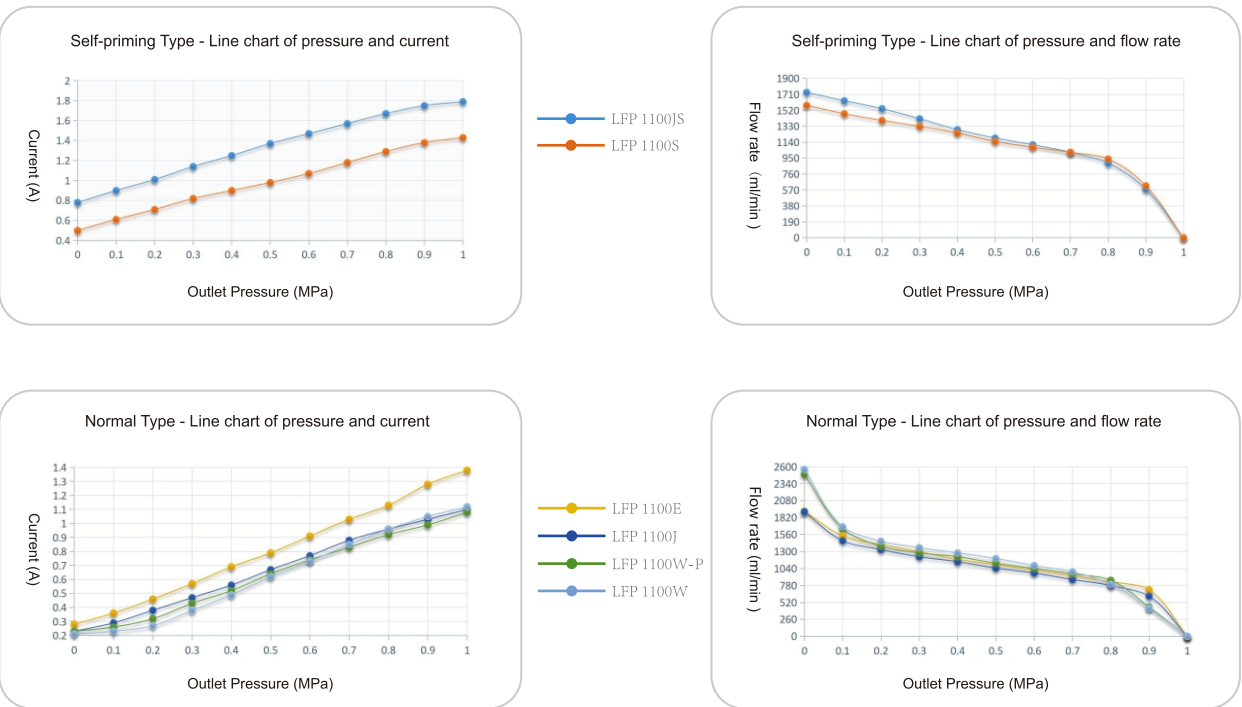
① Self-priming type

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									

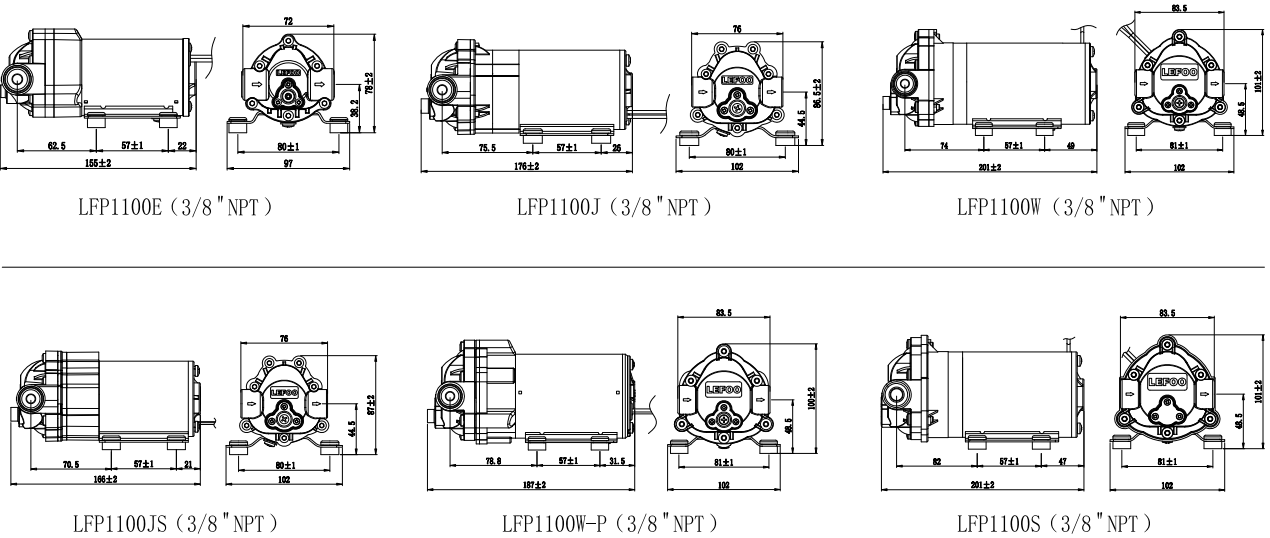
② Normal type

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



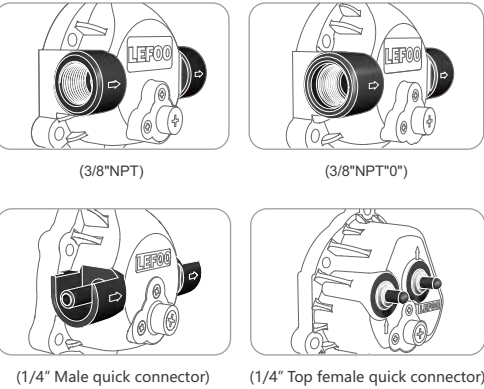
Mounting Dimension: mm



LFP150 SERIES

Diaphragm Booster Pump •

Connection



Product Specifications

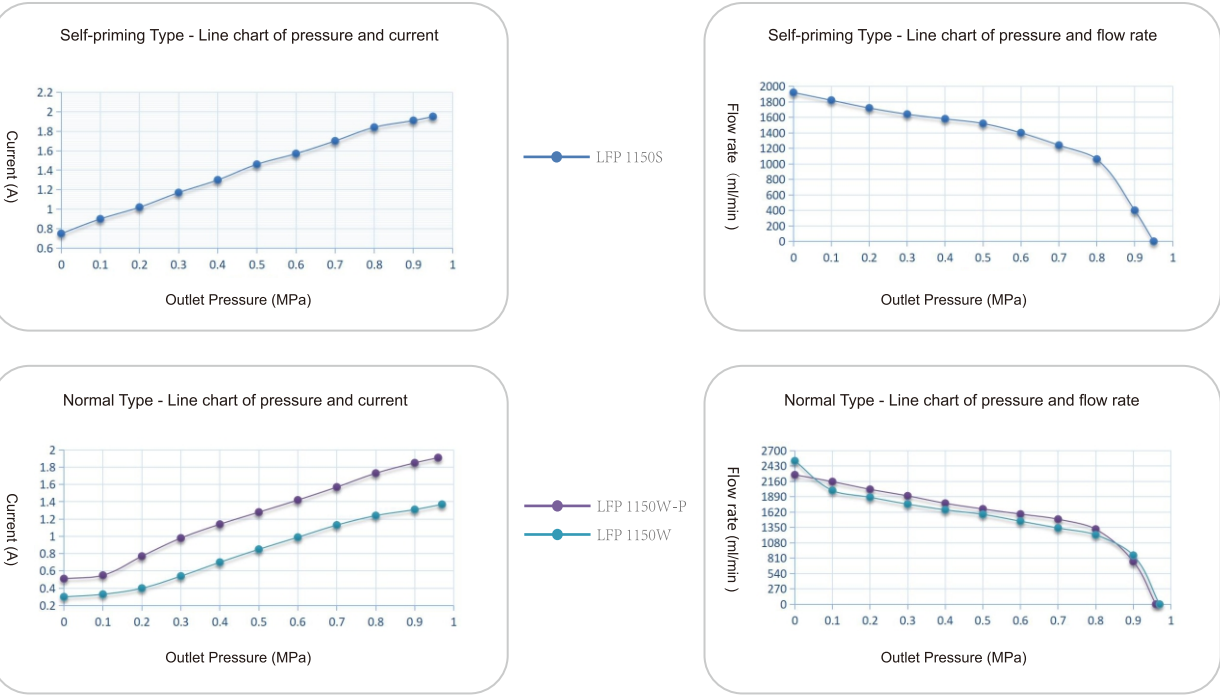
① Self-priming type

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

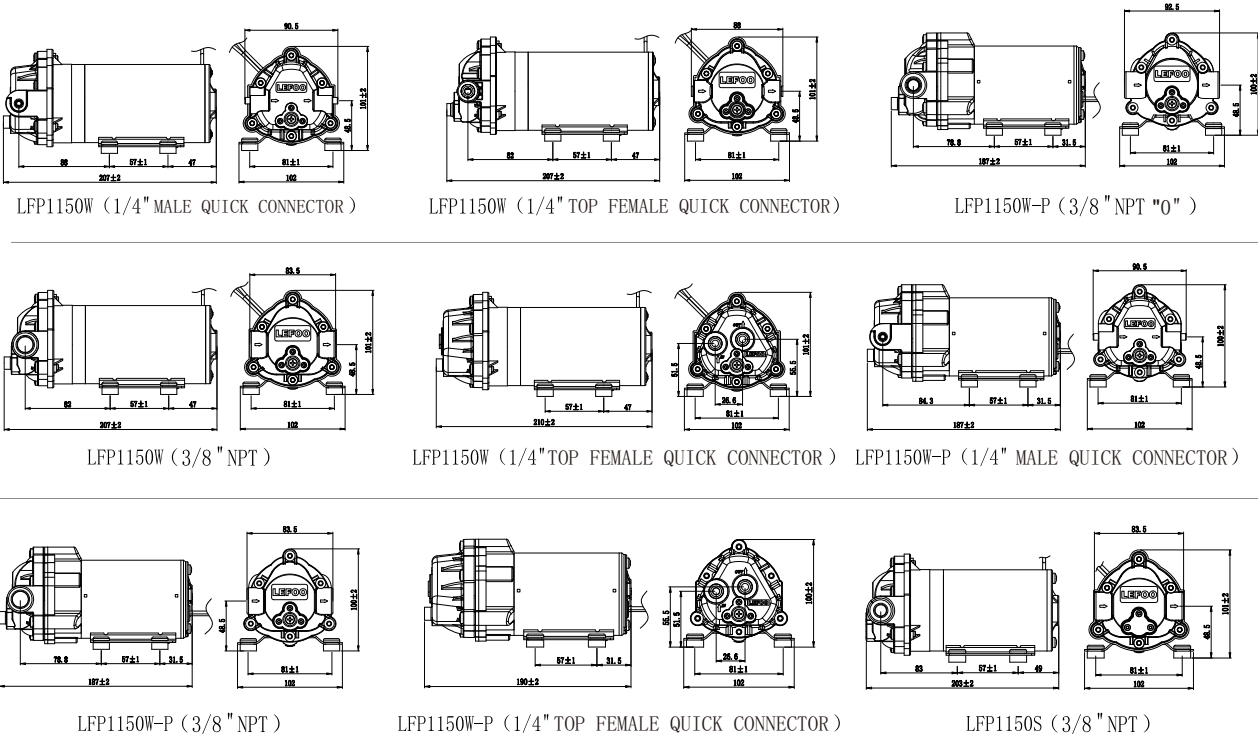
② Normal type

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



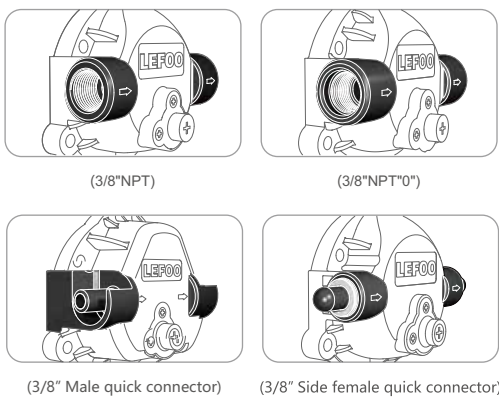
Mounting Dimension: mm



LFP200 SERIES

Diaphragm Booster Pump

Connection



Product Specifications

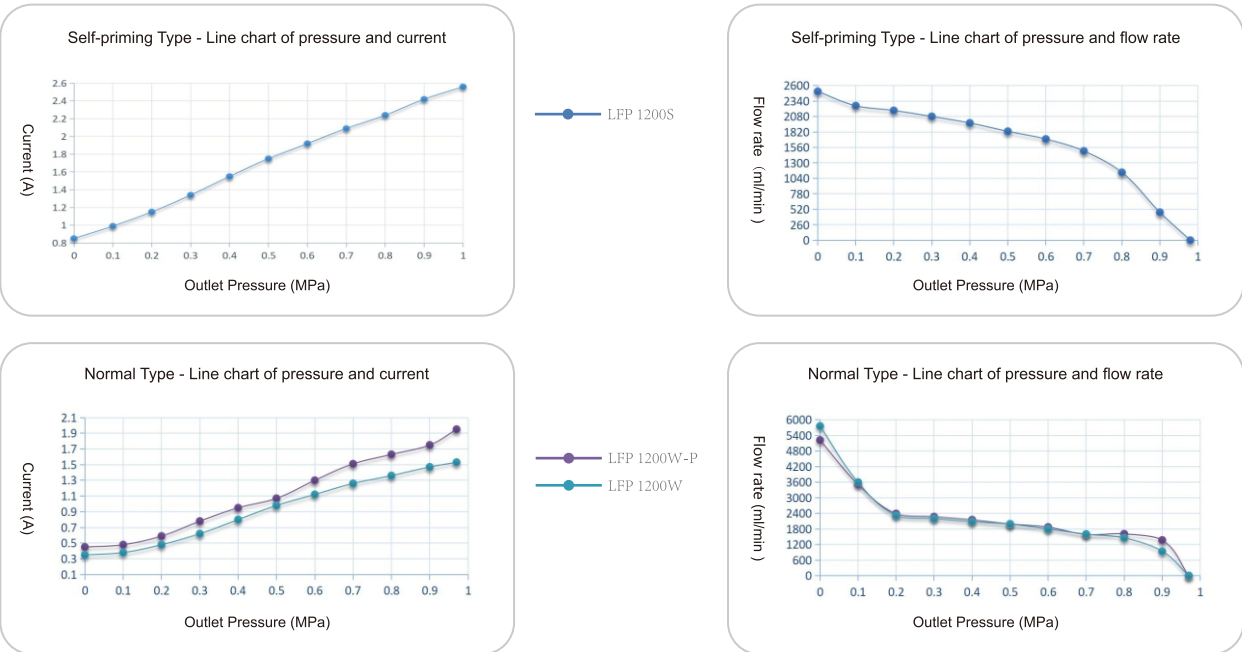
① Self-priming type

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

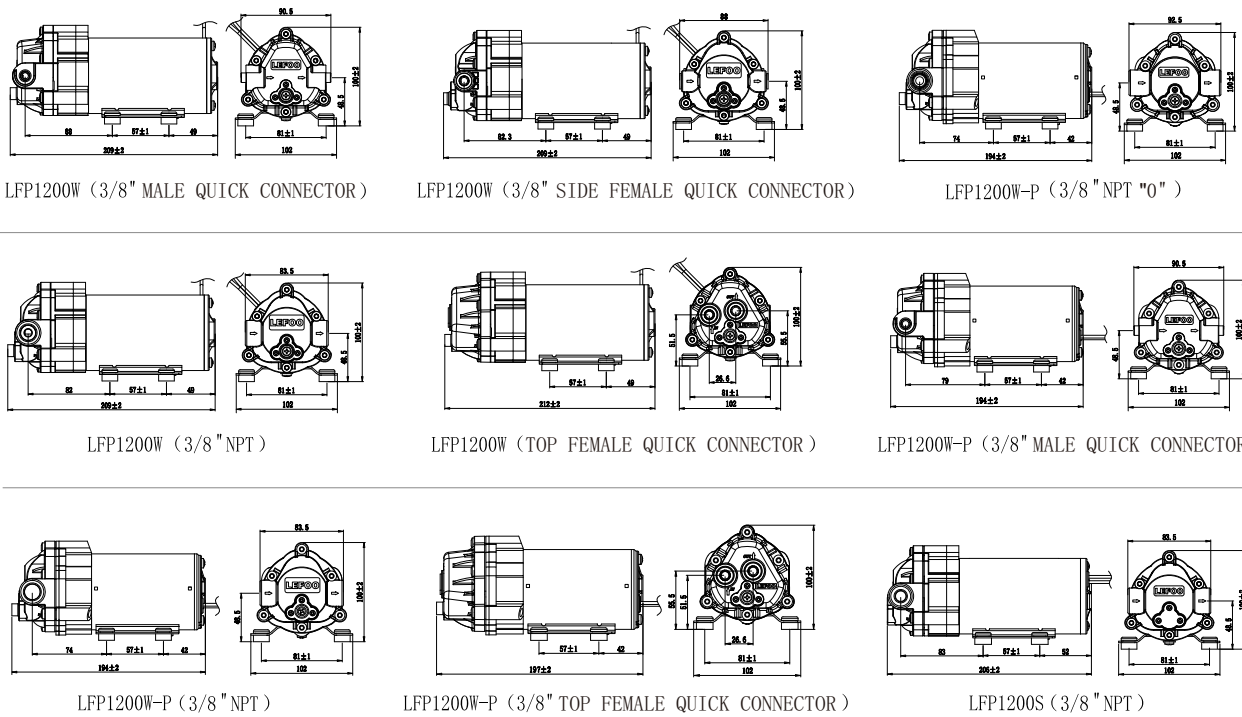
② Normal type

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



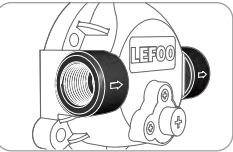
Mounting Dimension: mm



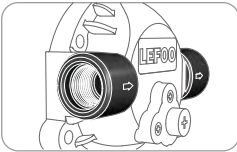
LFP300 SERIES

Diaphragm Booster Pump

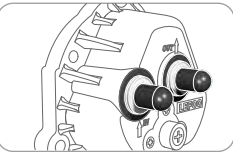
Connection



(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

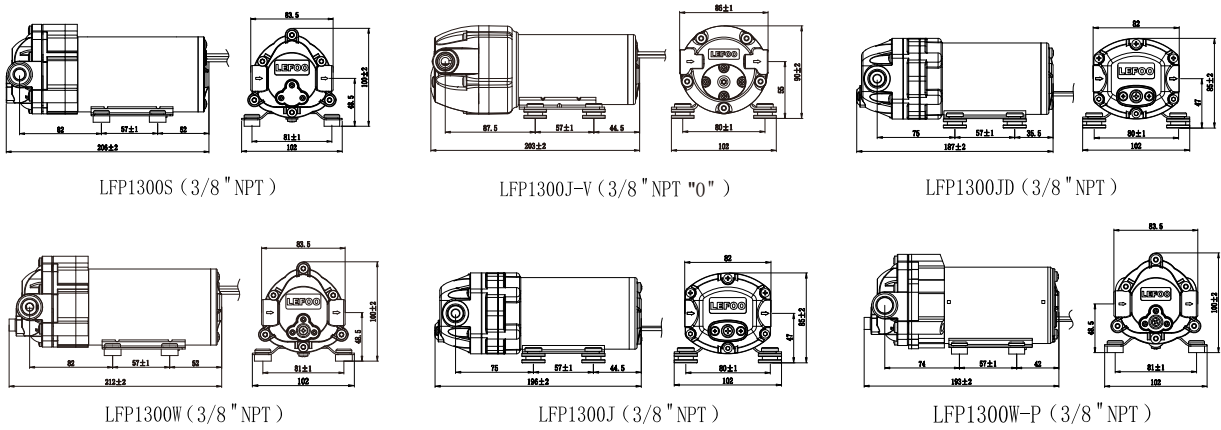
② Normal type

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



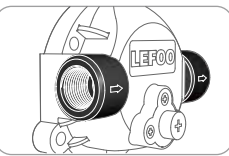
Mounting Dimension: mm



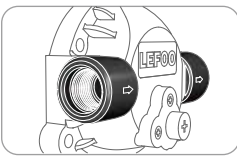
LFP300A SERIES

Diaphragm Booster Pump •

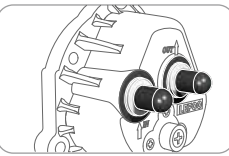
Connection



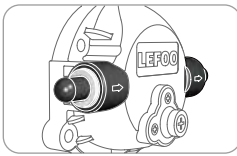
(3/8" NPT)



(3/8" NPT"0")



(3/8" Top female quick connector)



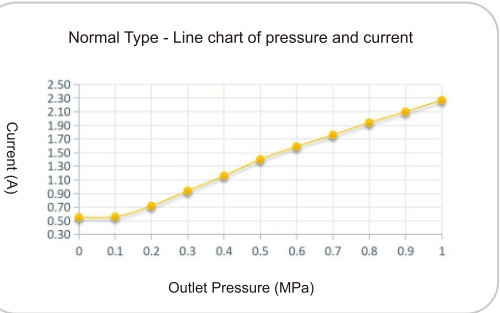
(3/8" Side female quick connector)



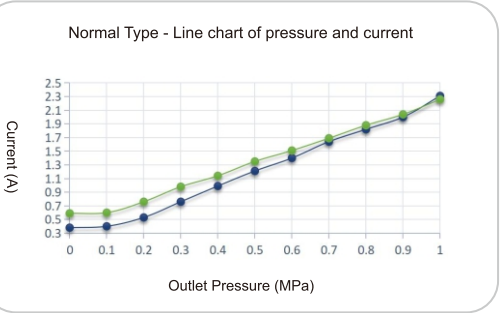
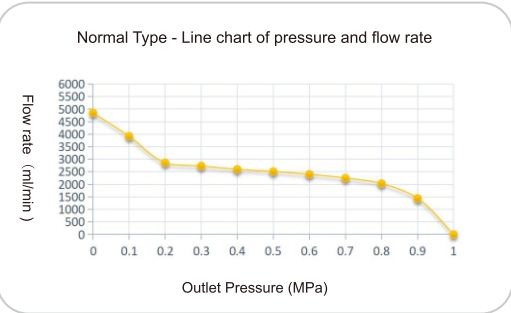
Product Specifications

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

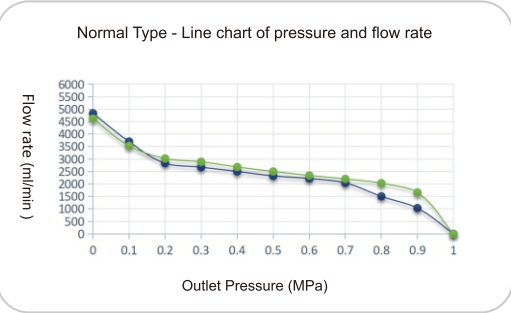


LFP 1300JD-A

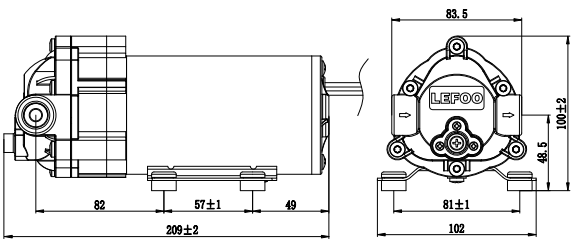


LFP 1300W-A

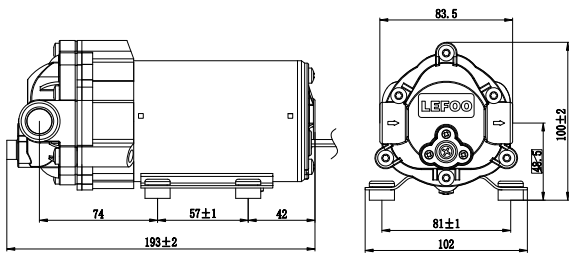
LFP 1300WA-P



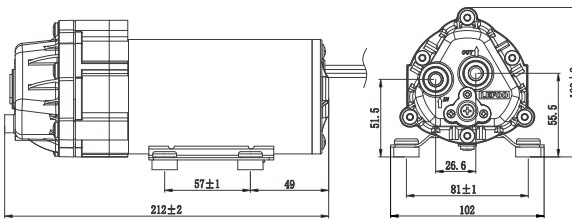
Mounting Dimension: mm



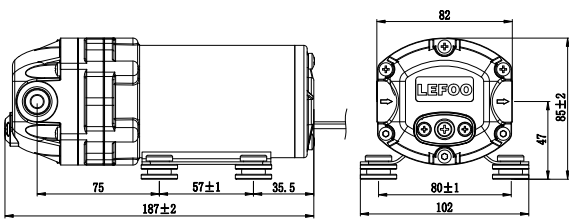
LFP1300W-A (3/8" NPT)



LFP1300WA-P (3/8" NPT)



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

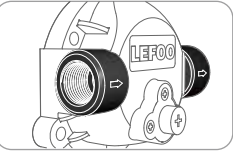


LFP1300JD-A (3/8" NPT)

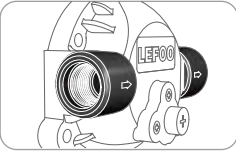
LFP400 SERIES

Diaphragm Booster Pump •

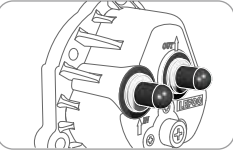
Connection



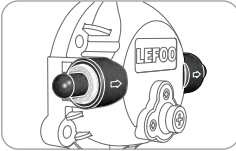
(3/8"NPT)



(3/8"NPT"0")



(3/8" Top female quick connector)



(3/8" Side female quick connector)

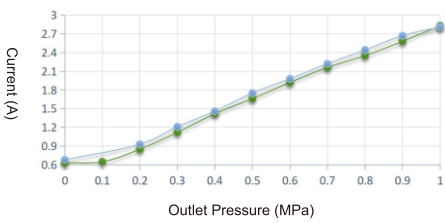


Product Specifications

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				≤3.0A		≥4000mL/min		≤4.0A
LFP1400W-P				≤2.5A			0.9-1.1MPa	≤3.5A
LFP1400.2W								
LFP1400J-V								

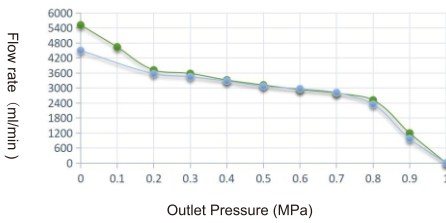
Flow Curve

Normal Type - Line chart of pressure and current

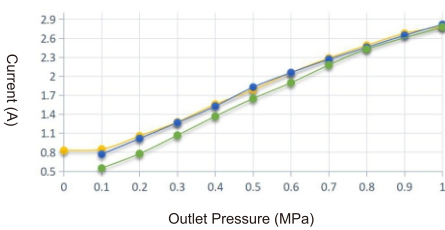


—●— LFP 1400W-P
—●— LFP 1400.2W

Normal Type - Line chart of pressure and flow rate

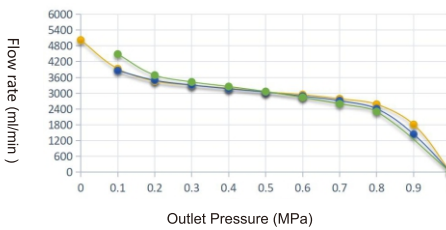


Normal Type - Line chart of pressure and current

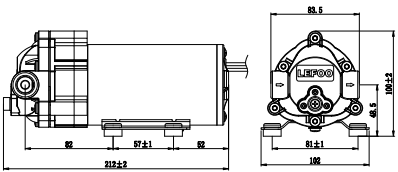


—●— LFP 1400J
—●— LFP 1400JD
—●— LFP 1400J-V

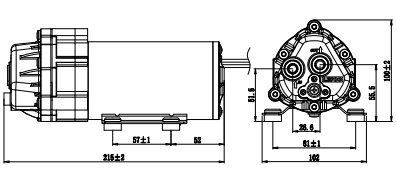
Normal Type - Line chart of pressure and flow rate



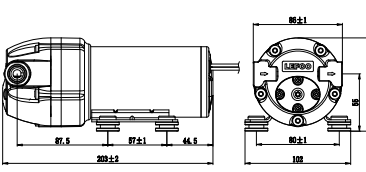
Mounting Dimension: mm



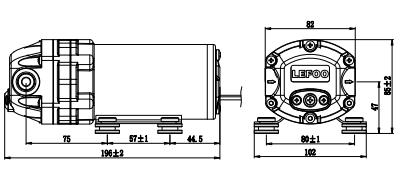
LFP1400.2W (3/8" NPT)



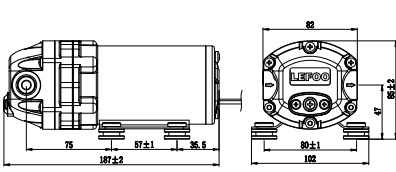
LFP1400.2W (3/8" TOP FEMALE QUICK CONNECTOR)



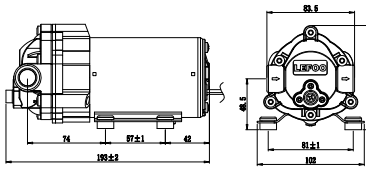
LFP1400J-V (3/8" NPT "0")



LFP1400J (3/8" NPT)



LFP1400JD (3/8" NPT)



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