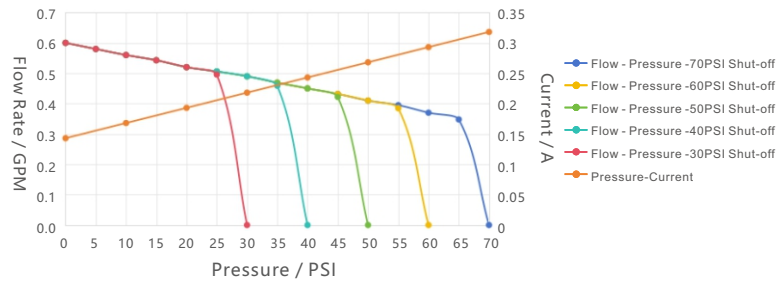


LFP5100T SERIES
-5060T

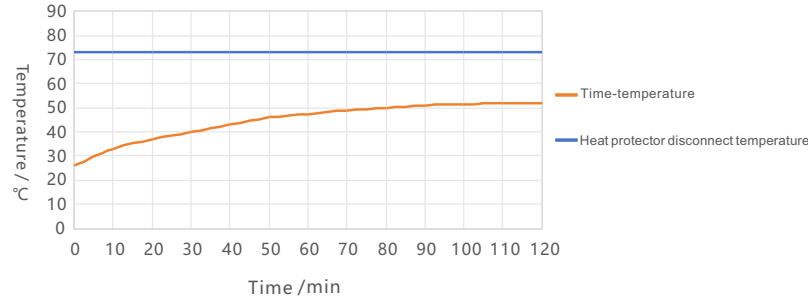
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.32A



○ Performance data and curves

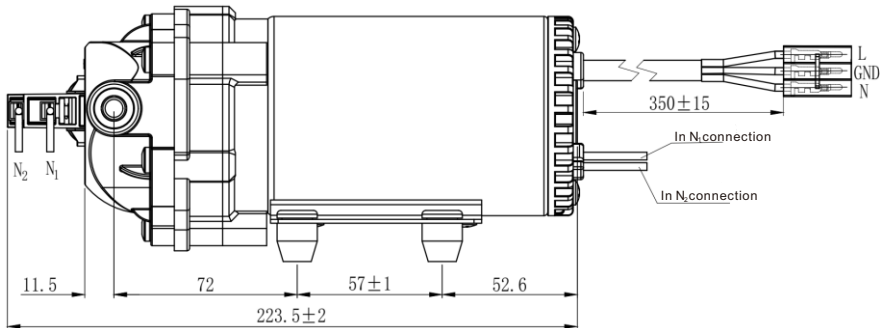
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25℃, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25℃, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73℃, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	0.60	2.27	0.143	LFP5060T-30070	115V AC	0PSI	0.6GPM	≤0.25A	≥2M	70PSI	≤0.43A	3/8" side female quick connector NPT3/8 Screw thread
10	0.56	2.13	0.168	LFP5060T-30060						60PSI	≤0.4A	
20	0.52	1.98	0.193	LFP5060T-30050						50PSI	≤0.38A	
30	0.49	1.84	0.218	LFP5060T-30040						40PSI	≤0.35A	
40	0.45	1.7	0.243	LFP5060T-30030						30PSI	≤0.33A	
50	0.41	1.55	0.268									
60	0.37	1.41	0.293									
70	0.34	1.27	0.318									



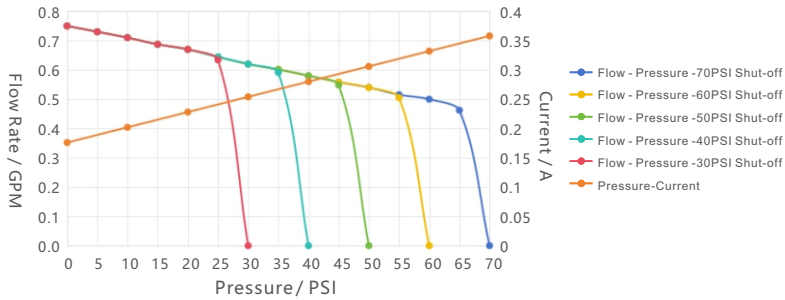
''' Demand / Delivery Pump

LFP5100T SERIES
-5075T

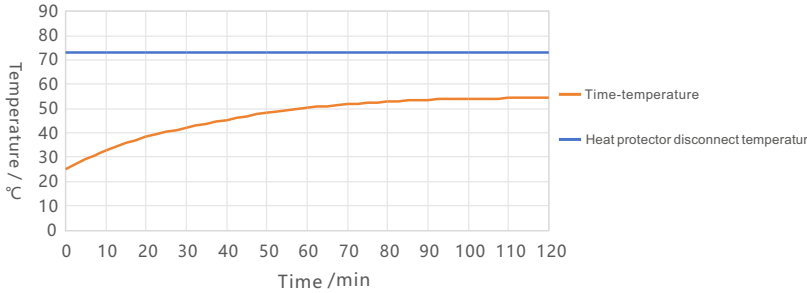
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.36A



○ Performance data and curves

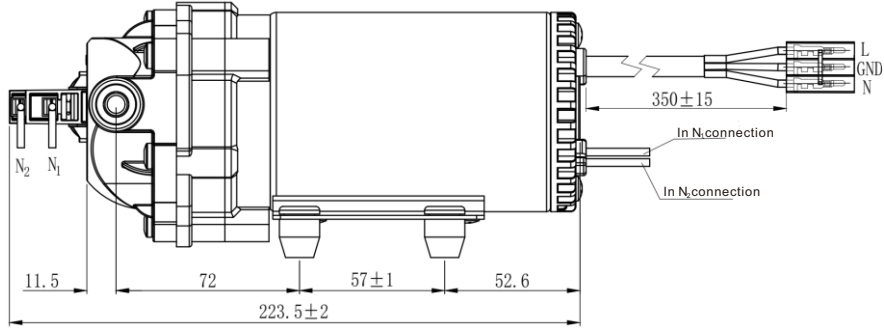
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25℃, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25℃, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73℃, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	0.75	2.84	0.176	LFP5075T-30070	115V AC	0PSI	0.75GPM	≤0.3A	≥2M	70PSI	≤0.5A	3/8" side female quick connector NPT3/8 Screw thread
10	0.71	2.68	0.202	LFP5075T-30060						60PSI	≤0.46A	
20	0.67	2.52	0.228	LFP5075T-30050						50PSI	≤0.43A	
30	0.62	2.36	0.254	LFP5075T-30040						40PSI	≤0.40A	
40	0.58	2.2	0.28	LFP5075T-30030						30PSI	≤0.37A	
50	0.54	2.04	0.306									
60	0.50	1.88	0.332									
70	0.45	1.72	0.358									



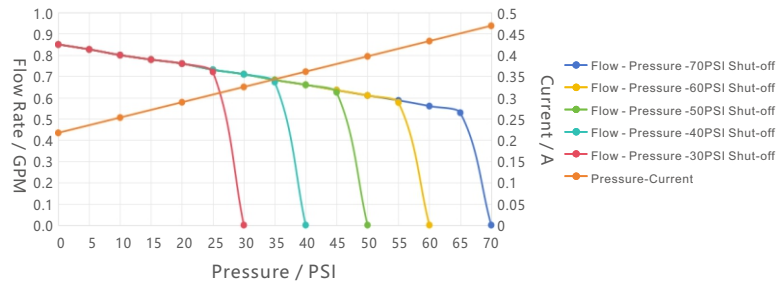
LFP5100T SERIES

-5085T

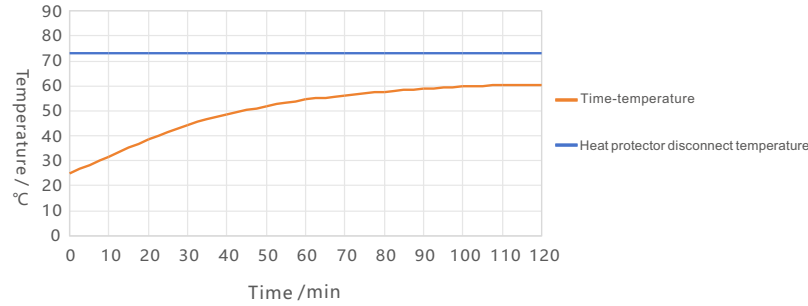
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.47A



○ Performance data and curves

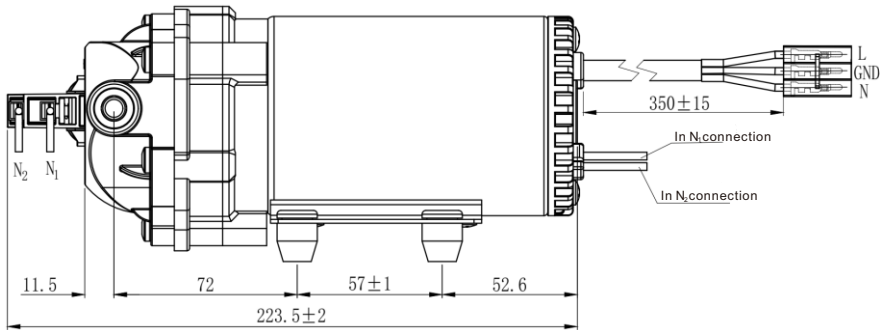
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115VAC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	0.85	3.22	0.217	LFP5085T-30070	115V AC	0PSI	0.85GPM	≤0.33A	≥2M	70PSI	≤0.58A	3/8" side female quick connector NPT3/8 Screw thread
10	0.80	3.04	0.253	LFP5085T-30060						60PSI	≤0.54A	
20	0.76	2.86	0.289	LFP5085T-30050						50PSI	≤0.51A	
30	0.71	2.68	0.325	LFP5085T-30040						40PSI	≤0.47A	
40	0.66	2.49	0.361	LFP5085T-30030						30PSI	≤0.44A	
50	0.61	2.31	0.397									
60	0.56	2.13	0.433									
70	0.52	1.95	0.469									



/// Demand / Delivery Pump

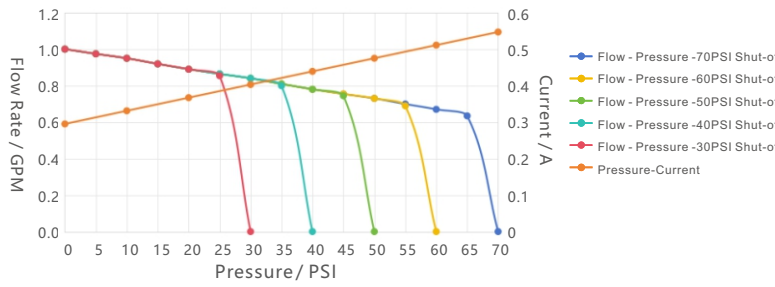
LFP5100T SERIES

-5100T

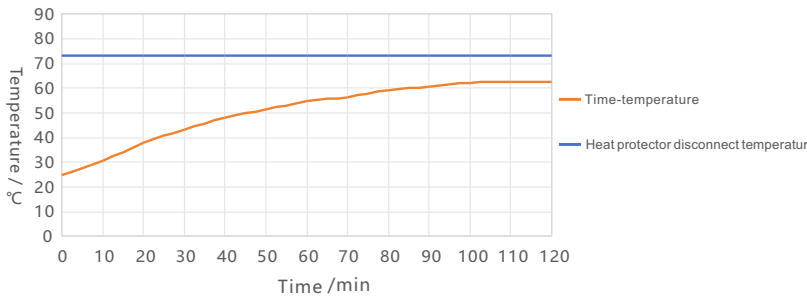
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.55A



○ Performance data and curves

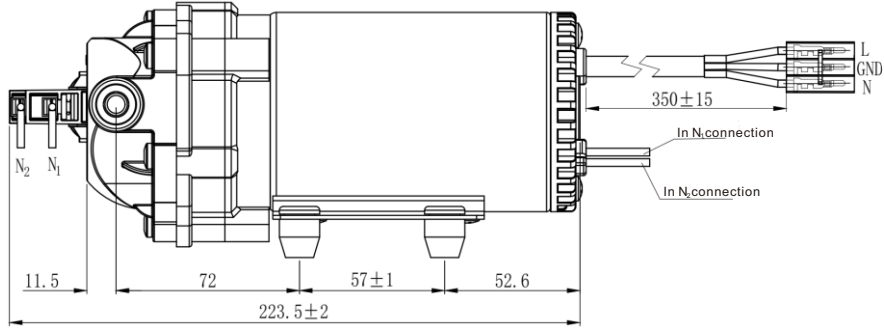
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230VAC/50Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	1.0	3.79	0.295	LFP5100T-30070	115V AC	0PSI	1.0GPM	≤0.41A	≥2M	70PSI	≤0.66A	3/8" side female quick connector NPT3/8 Screw thread
10	0.95	3.58	0.331	LFP5100T-30060						60PSI	≤0.62A	
20	0.89	3.38	0.367	LFP5100T-30050						50PSI	≤0.59A	
30	0.84	3.17	0.403	LFP5100T-30040						40PSI	≤0.55A	
40	0.78	2.96	0.439	LFP5100T-30030						30PSI	≤0.51A	
50	0.73	2.75	0.475									
60	0.67	2.54	0.511									
70	0.62	2.34	0.547									



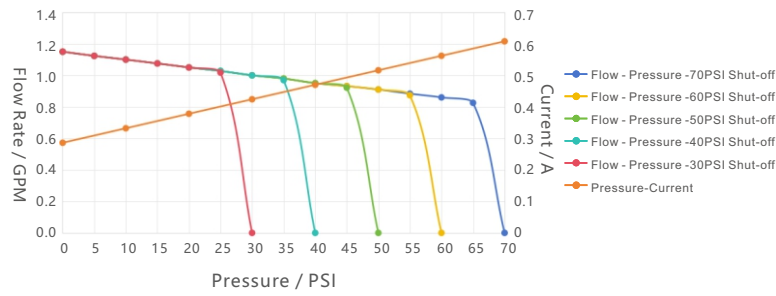
LFP5150T SERIES

-5115T

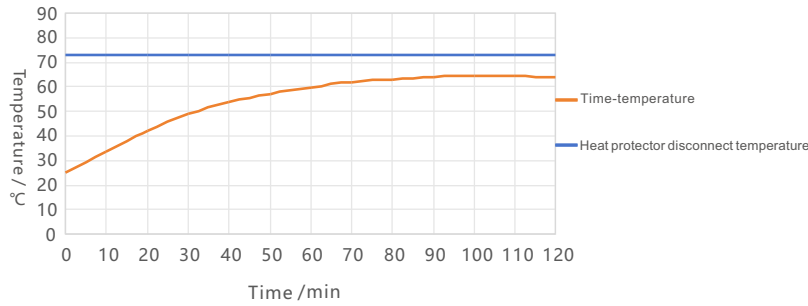
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.61A



○ Performance data and curves

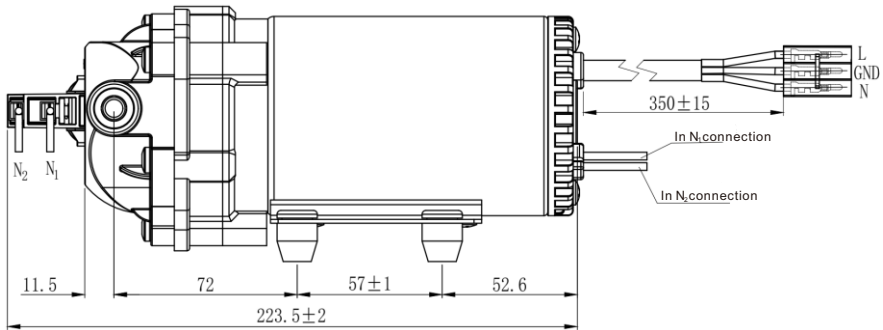
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	1.15	4.35	0.286	LFP5115T-30070	115V AC	0PSI	1.15GPM	≤0.42A	≥2M	70PSI	≤0.73A	3/8" side female quick connector NPT3/8 Screw thread
10	1.10	4.17	0.332	LFP5115T-30060						60PSI	≤0.68A	
20	1.05	3.98	0.378	LFP5115T-30050						50PSI	≤0.64A	
30	1.00	3.8	0.424	LFP5115T-30040						40PSI	≤0.59A	
40	0.95	3.61	0.470	LFP5115T-30030						30PSI	≤0.54A	
50	0.91	3.43	0.516									
60	0.86	3.24	0.562									
70	0.81	3.06	0.608									



''' Demand / Delivery Pump

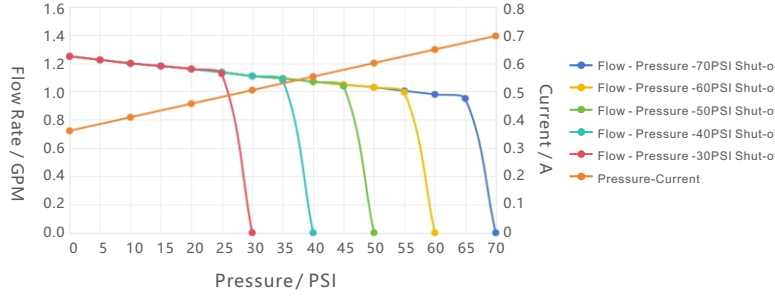
LFP5150T SERIES

-5125T

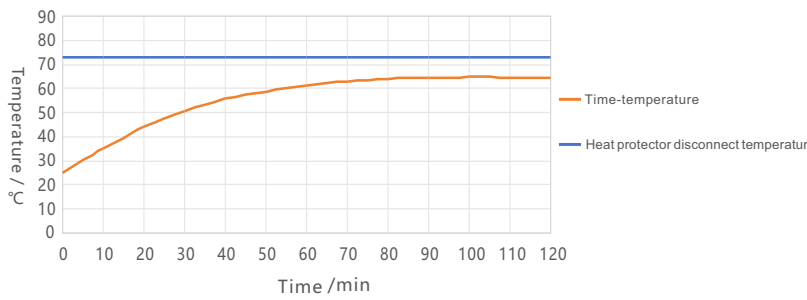
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.7A



○ Performance data and curves

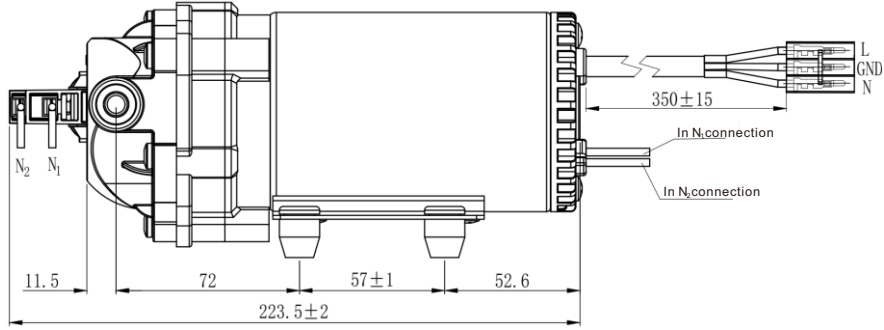
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	1.25	4.73	0.361	LFP5125T-30070	115V AC	0PSI	1.25GPM	≤0.48A	≥2M	70PSI	≤0.82A	3/8" side female quick connector NPT3/8 Screw thread
10	1.2	4.56	0.409	LFP5125T-30060						60PSI	≤0.77A	
20	1.16	4.39	0.457	LFP5125T-30050						50PSI	≤0.72A	
30	1.11	4.22	0.505	LFP5125T-30040						40PSI	≤0.67A	
40	1.07	4.05	0.553	LFP5125T-30030						30PSI	≤0.63A	
50	1.03	3.88	0.601									
60	0.98	3.71	0.649									
70	0.94	3.55	0.697									



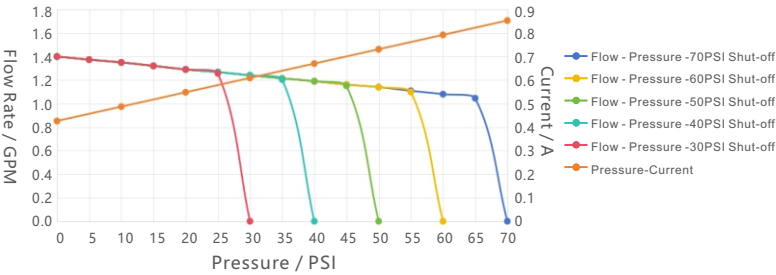
LFP5150T SERIES

-5140T

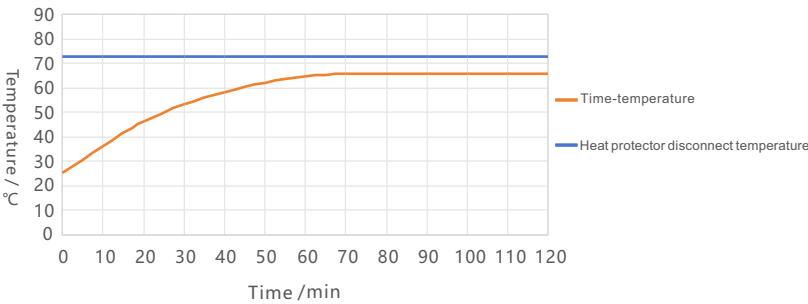
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.85A



○ Performance data and curves

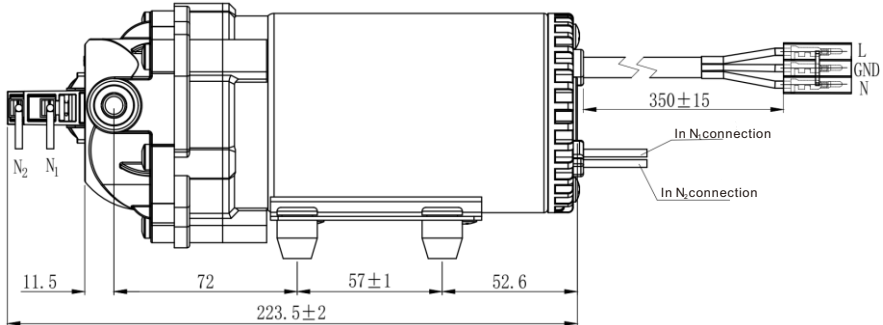
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115V DC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A	Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
0	1.40	5.3	0.426	LFP5140T-30070	115V AC	0PSI	1.40GPM	≤0.58A	≥2M	70PSI	≤0.98A	3/8" side female quick connector NPT3/8 Screw thread
10	1.35	5.1	0.487	LFP5140T-30060						60PSI	≤0.91A	
20	1.29	4.9	0.548	LFP5140T-30050						50PSI	≤0.85A	
30	1.24	4.7	0.609	LFP5140T-30040						40PSI	≤0.79A	
40	1.19	4.5	0.67	LFP5140T-30030						30PSI	≤0.73A	
50	1.14	4.3	0.7									
60	1.08	4.09	0.792									
70	1.03	3.89	0.85									



''' Demand / Delivery Pump

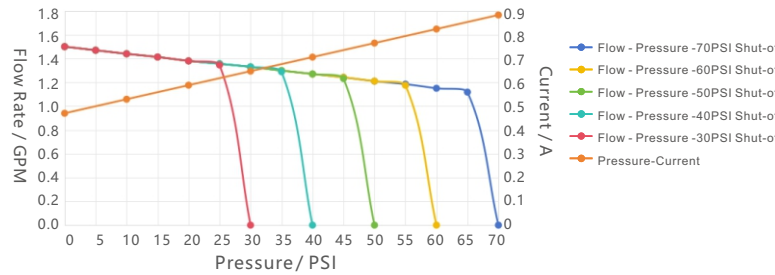
LFP5150T SERIES

-5150T

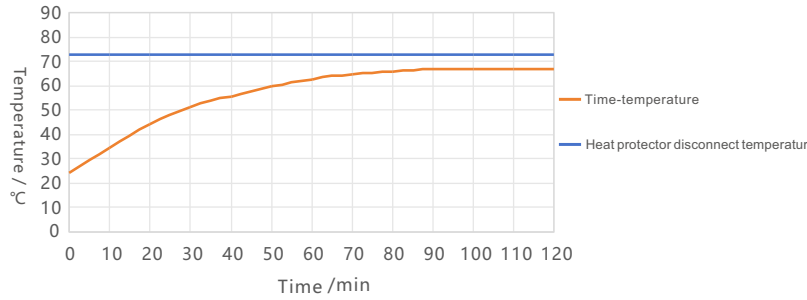
Demand / Delivery Pump



○ Flow Curve



○ Temperature Rise @ Current 0.88A



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115V DC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.50	5.68	0.47
10	1.44	5.46	0.529
20	1.38	5.24	0.588
30	1.33	5.03	0.647
40	1.27	4.81	0.706
50	1.21	4.59	0.8
60	1.15	4.37	0.824
70	1.10	4.15	0.88

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5150T-30070	115V AC	0PSI	1.50GPM	≤0.62A	≥2M	70PSI	≤1.05A	3/8" side female quick connector NPT3/8 Screw thread
LFP5150T-30060						60PSI	≤0.96A	
LFP5150T-30050						50PSI	≤0.9A	
LFP5150T-30040						40PSI	≤0.84A	
LFP5150T-30030						30PSI	≤0.78A	

