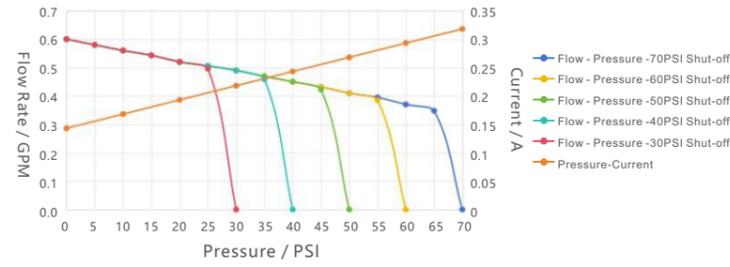


LFP5100T SERIES -5060T

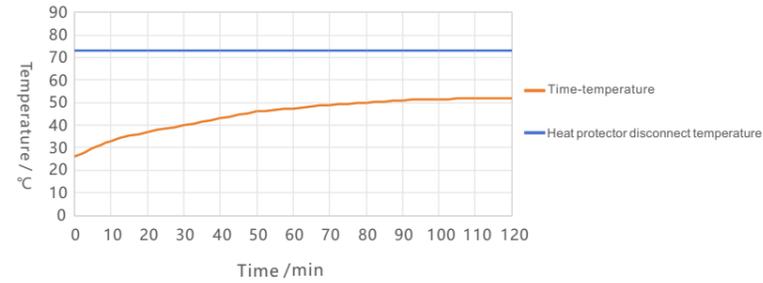
Demand / Delivery Pump



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°C, 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

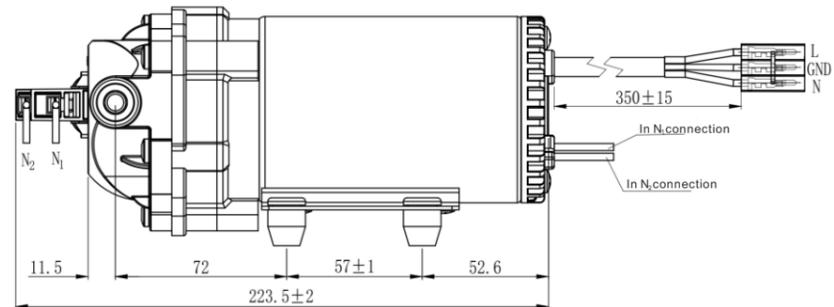
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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	0.60	2.27	0.143
10	0.56	2.13	0.168
20	0.52	1.98	0.193
30	0.49	1.84	0.218
40	0.45	1.7	0.243
50	0.41	1.55	0.268
60	0.37	1.41	0.293
70	0.34	1.27	0.318

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5060T-30070	115V AC	0PSI	0.6GPM	≤0.25A	≥2M	70PSI	≤0.43A	3/8" side female quick connector NPT3/8 Screw thread
LFP5060T-30060						60PSI	≤0.4A	
LFP5060T-30050						50PSI	≤0.38A	
LFP5060T-30040						40PSI	≤0.35A	
LFP5060T-30030						30PSI	≤0.33A	



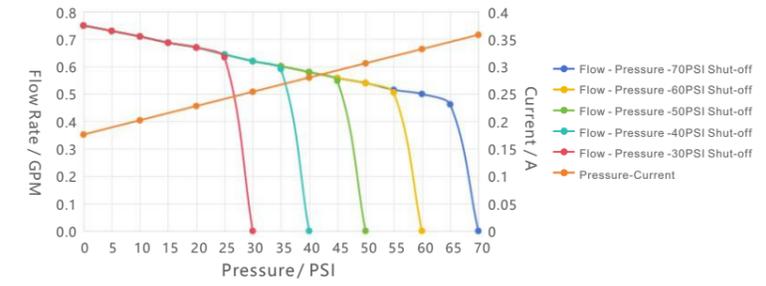
/// Demand / Delivery Pump

LFP5100T SERIES -5075T

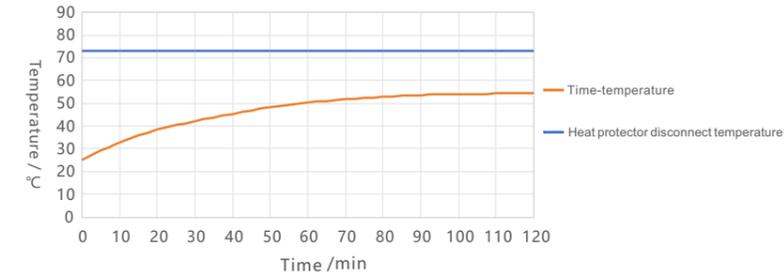
Demand / Delivery Pump



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°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

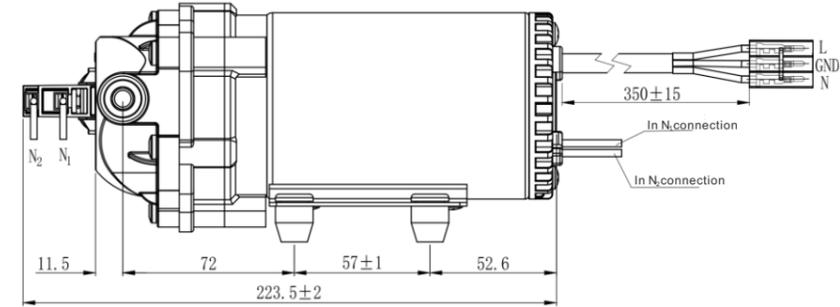
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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
0	0.75	2.84	0.176
10	0.71	2.68	0.202
20	0.67	2.52	0.228
30	0.62	2.36	0.254
40	0.58	2.2	0.28
50	0.54	2.04	0.306
60	0.50	1.88	0.332
70	0.45	1.72	0.358

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5075T-30070	115V AC	0PSI	0.75GPM	≤0.3A	≥2M	70PSI	≤0.5A	3/8" side female quick connector NPT3/8 Screw thread
LFP5075T-30060						60PSI	≤0.46A	
LFP5075T-30050						50PSI	≤0.43A	
LFP5075T-30040						40PSI	≤0.40A	
LFP5075T-30030						30PSI	≤0.37A	

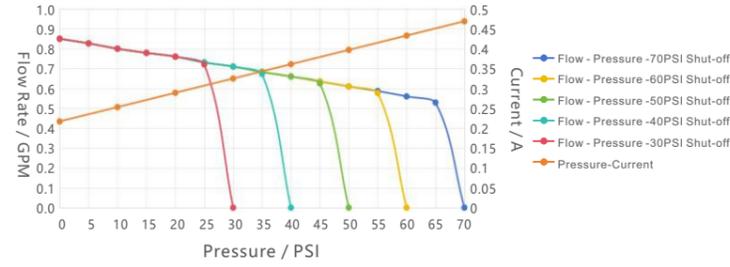


LFP5100T SERIES -5085T

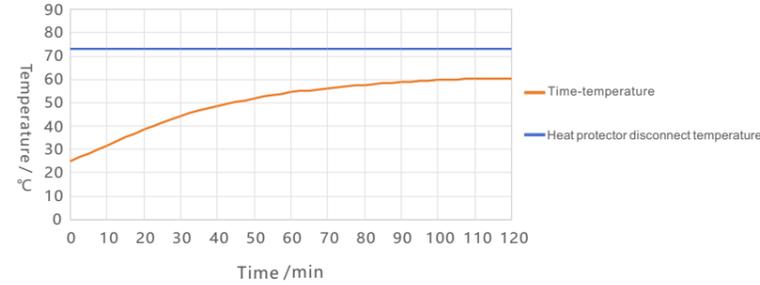
Demand / Delivery Pump



Flow Curve



Temperature Rise @ Current 0.47A



Performance data and curves

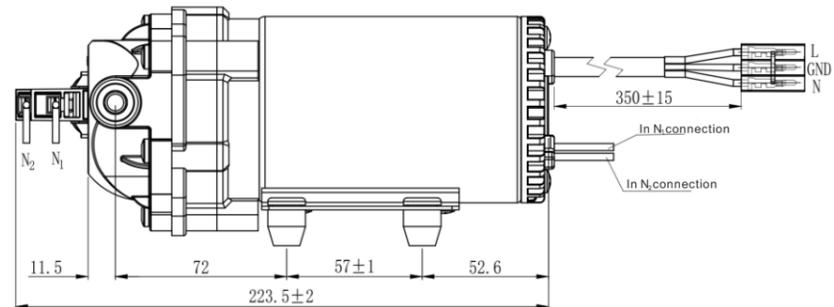
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 115VAC,50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

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-30040						40PSI	≤0.47A	
50	0.61	2.31	0.397	LFP5085T-30040						40PSI	≤0.47A	
60	0.56	2.13	0.433	LFP5085T-30040						40PSI	≤0.47A	
70	0.52	1.95	0.469	LFP5085T-30030	30PSI	≤0.44A						



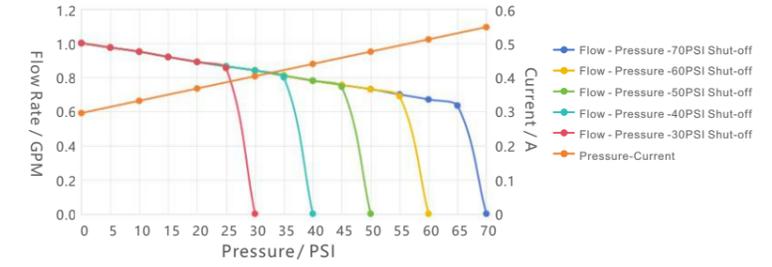
/// Demand / Delivery Pump

LFP5100T SERIES -5100T

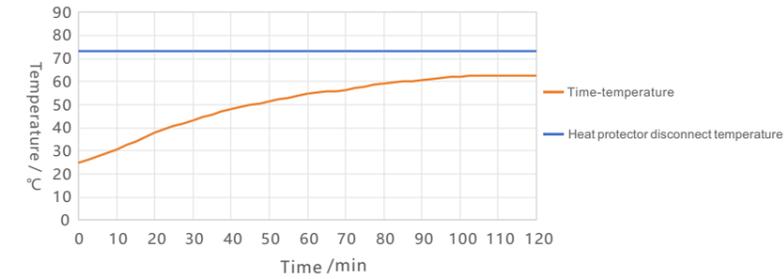
Demand / Delivery Pump



Flow Curve



Temperature Rise @ Current 0.55A



Performance data and curves

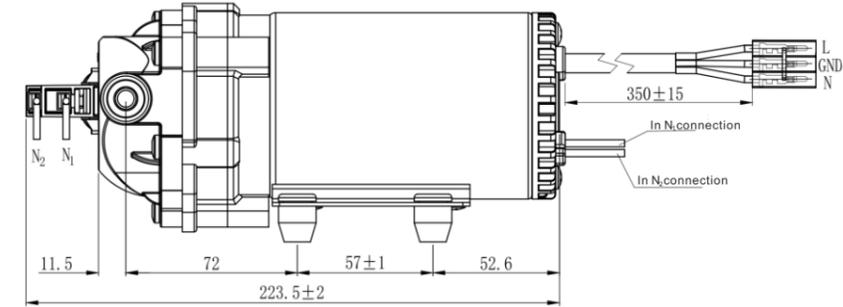
Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230VAC/50Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

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-30040						40PSI	≤0.55A	
50	0.73	2.75	0.475	LFP5100T-30040						40PSI	≤0.55A	
60	0.67	2.54	0.511	LFP5100T-30040						40PSI	≤0.55A	
70	0.62	2.34	0.547	LFP5100T-30030	30PSI	≤0.51A						

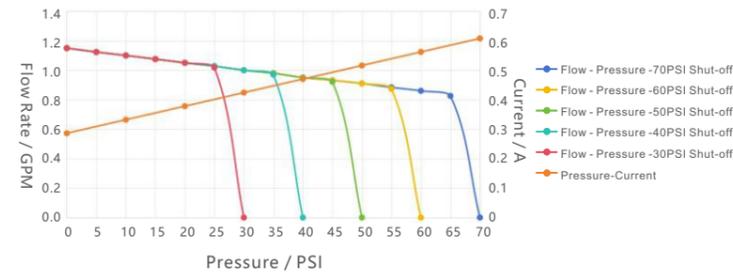


LFP5150T SERIES -5115T

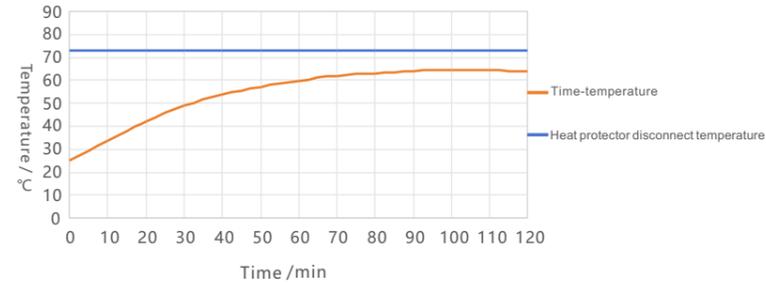
Demand / Delivery Pump



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

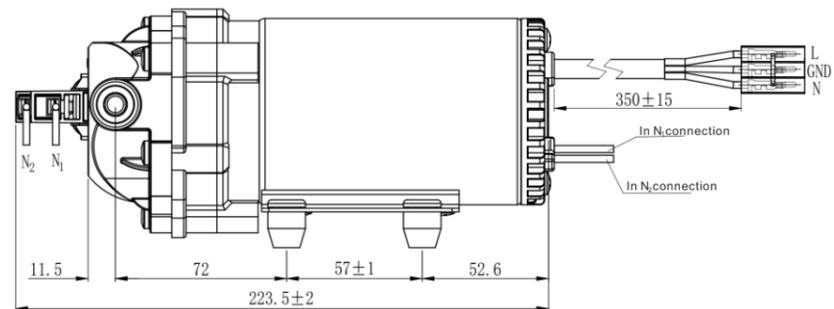
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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
0	1.15	4.35	0.286
10	1.10	4.17	0.332
20	1.05	3.98	0.378
30	1.00	3.8	0.424
40	0.95	3.61	0.470
50	0.91	3.43	0.516
60	0.86	3.24	0.562
70	0.81	3.06	0.608

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5115T-30070	115V AC	0PSI	1.15GPM	≤0.42A	≥2M	70PSI	≤0.73A	3/8" side female quick connector NPT3/8 Screw thread
LFP5115T-30060						60PSI	≤0.68A	
LFP5115T-30050						50PSI	≤0.64A	
LFP5115T-30040						40PSI	≤0.59A	
LFP5115T-30030						30PSI	≤0.54A	



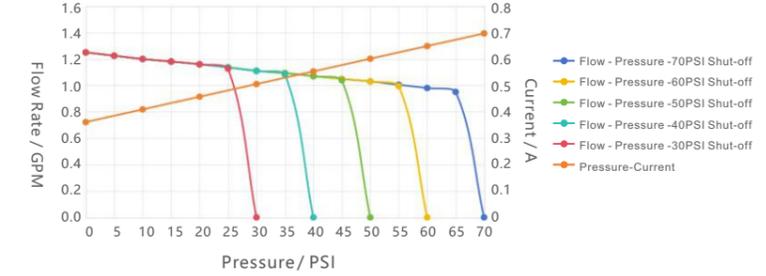
/// Demand / Delivery Pump

LFP5150T SERIES -5125T

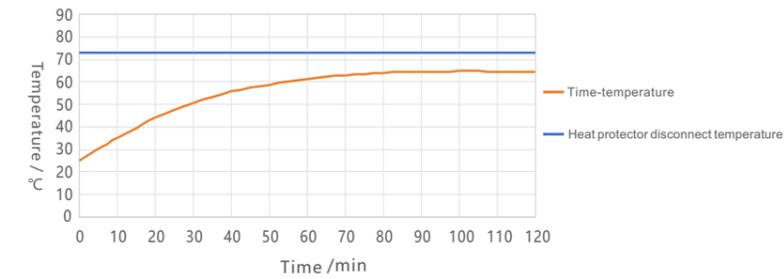
Demand / Delivery Pump



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

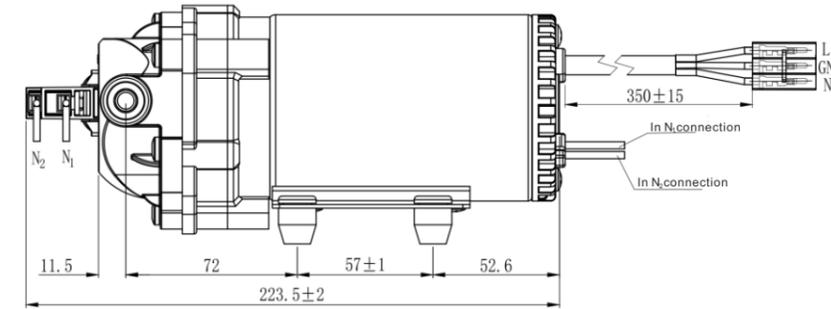
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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
0	1.25	4.73	0.361
10	1.2	4.56	0.409
20	1.16	4.39	0.457
30	1.11	4.22	0.505
40	1.07	4.05	0.553
50	1.03	3.88	0.601
60	0.98	3.71	0.649
70	0.94	3.55	0.697

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5125T-30070	115V AC	0PSI	1.25GPM	≤0.48A	≥2M	70PSI	≤0.82A	3/8" side female quick connector NPT3/8 Screw thread
LFP5125T-30060						60PSI	≤0.77A	
LFP5125T-30050						50PSI	≤0.72A	
LFP5125T-30040						40PSI	≤0.67A	
LFP5125T-30030						30PSI	≤0.63A	

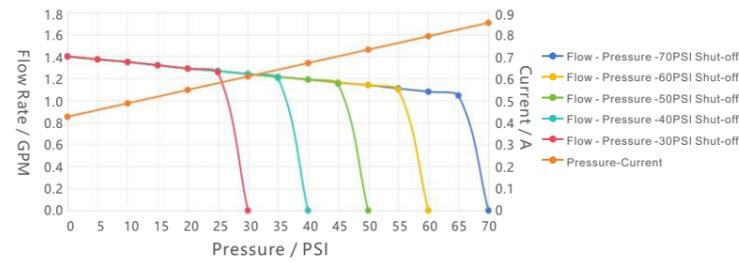


LFP5150T SERIES -5140T

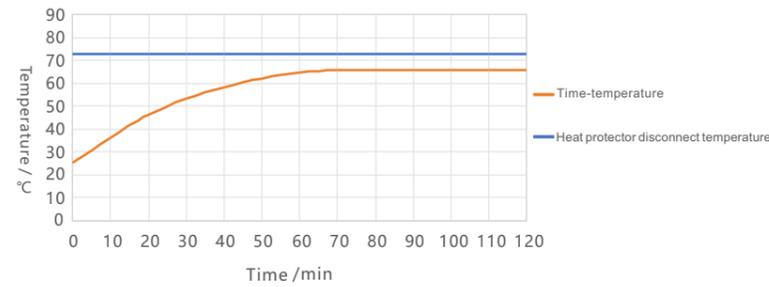
Demand / Delivery Pump



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

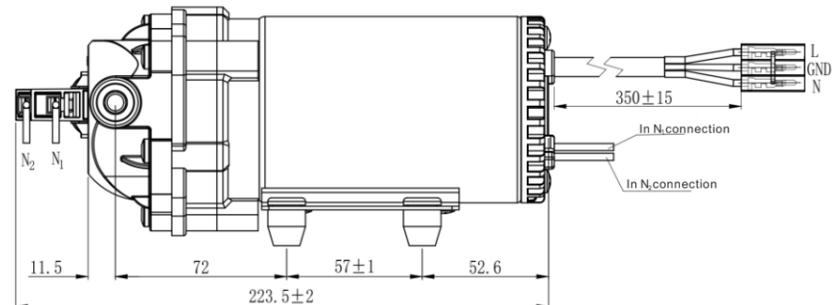
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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
0	1.40	5.3	0.426
10	1.35	5.1	0.487
20	1.29	4.9	0.548
30	1.24	4.7	0.609
40	1.19	4.5	0.67
50	1.14	4.3	0.7
60	1.08	4.09	0.792
70	1.03	3.89	0.85

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5140T-30070	115V AC	0PSI	1.40GPM	≤0.58A	≥2M	70PSI	≤0.98A	3/8" side female quick connector NPT3/8 Screw thread
LFP5140T-30060						60PSI	≤0.91A	
LFP5140T-30050						50PSI	≤0.85A	
LFP5140T-30040						40PSI	≤0.79A	
LFP5140T-30030						30PSI	≤0.73A	



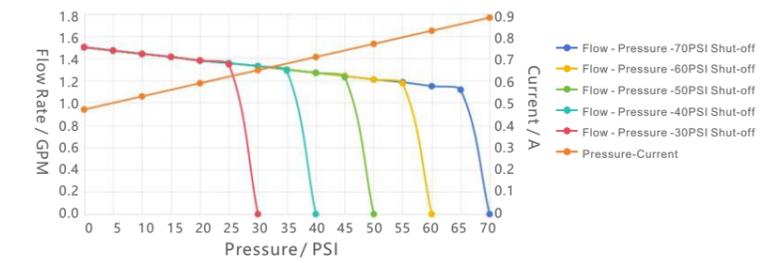
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LFP5150T SERIES -5150T

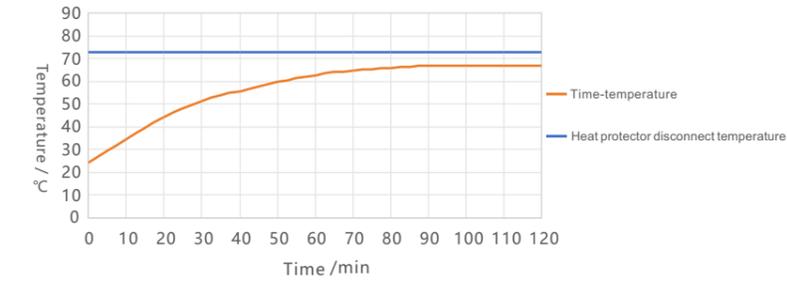
Demand / Delivery Pump



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	1.22	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	

