

LFP5100T SERIES -5060T

Demand / Delivery Pump



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

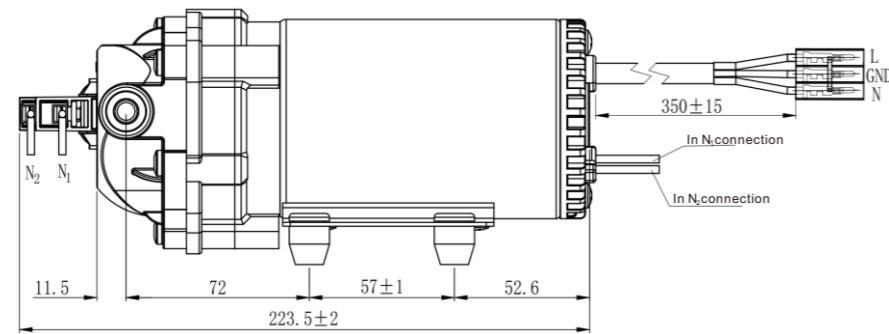
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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	$\leq 0.25A$	$\geq 2M$	70PSI	$\leq 0.43A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5060T-30060						60PSI	$\leq 0.4A$	
LFP5060T-30050						50PSI	$\leq 0.38A$	
LFP5060T-30040						40PSI	$\leq 0.35A$	
LFP5060T-30030						30PSI	$\leq 0.33A$	



LFP5100T SERIES -5075T

Demand / Delivery Pump



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

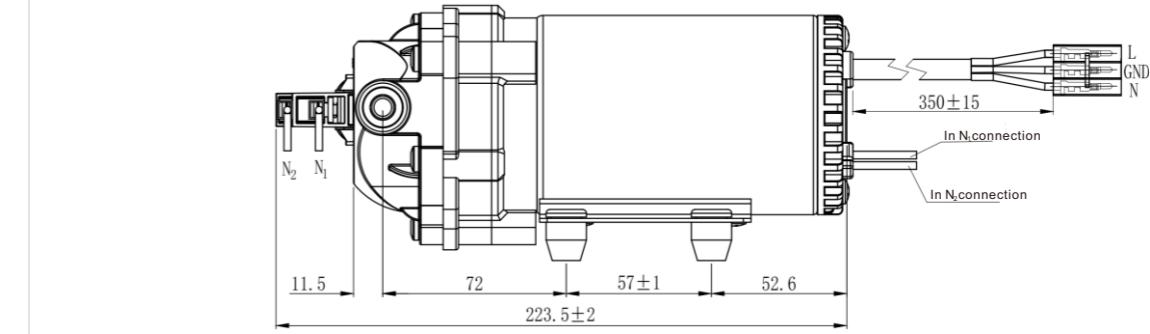
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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	$\leq 0.3A$	$\geq 2M$	70PSI	$\leq 0.5A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5075T-30060						60PSI	$\leq 0.46A$	
LFP5075T-30050						50PSI	$\leq 0.43A$	
LFP5075T-30040						40PSI	$\leq 0.40A$	
LFP5075T-30030						30PSI	$\leq 0.37A$	



LFP5100T SERIES

-5085T

Demand / Delivery Pump



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

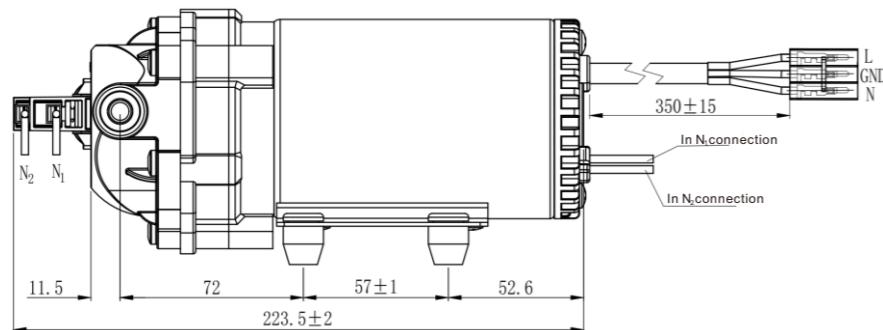
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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	0.85	3.22	0.217
10	0.80	3.04	0.253
20	0.76	2.86	0.289
30	0.71	2.68	0.325
40	0.66	2.49	0.361
50	0.61	2.31	0.397
60	0.56	2.13	0.433
70	0.52	1.95	0.469

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5085T-30070						70PSI	$\leq 0.58A$	
LFP5085T-30060						60PSI	$\leq 0.54A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5085T-30050	115V AC	0PSI	0.85GPM	$\leq 0.33A$	$\geq 2M$	50PSI	$\leq 0.51A$	
LFP5085T-30040						40PSI	$\leq 0.47A$	
LFP5085T-30030						30PSI	$\leq 0.44A$	



LFP5100T SERIES

-5100T

Demand / Delivery Pump



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

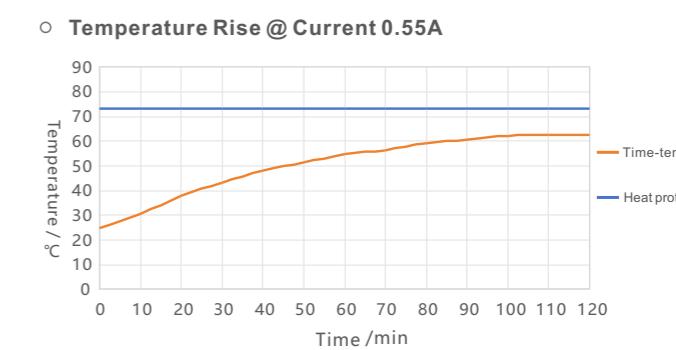
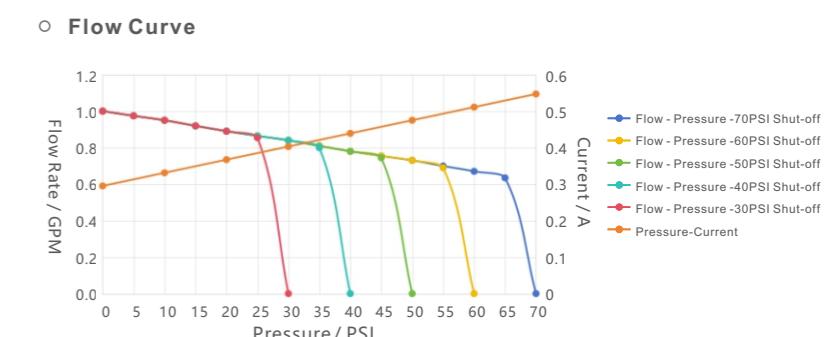
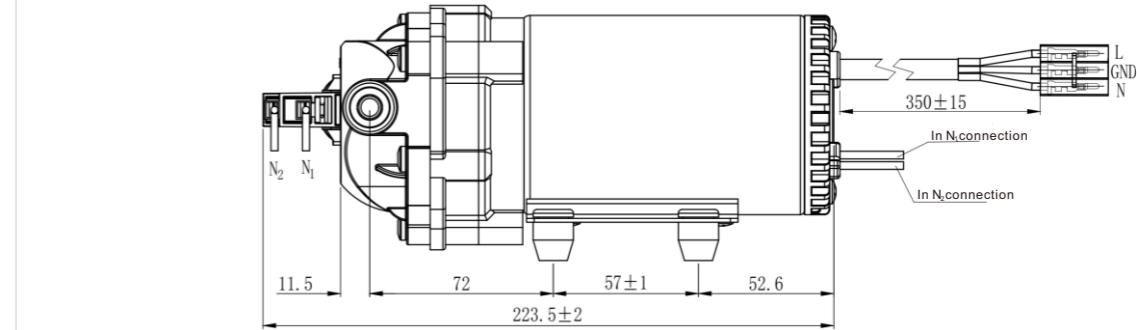
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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	1.0	3.79	0.295
10	0.95	3.58	0.331
20	0.89	3.38	0.367
30	0.84	3.17	0.403
40	0.78	2.96	0.439
50	0.73	2.75	0.475
60	0.67	2.54	0.511
70	0.62	2.34	0.547

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP5100T-30070						70PSI	$\leq 0.66A$	
LFP5100T-30060						60PSI	$\leq 0.62A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5100T-30050	115V AC	0PSI	1.0GPM	$\leq 0.41A$	$\geq 2M$	50PSI	$\leq 0.59A$	
LFP5100T-30040						40PSI	$\leq 0.55A$	
LFP5100T-30030						30PSI	$\leq 0.51A$	



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.

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.

LFP5150T SERIES -5115T

Demand / Delivery Pump



○ 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

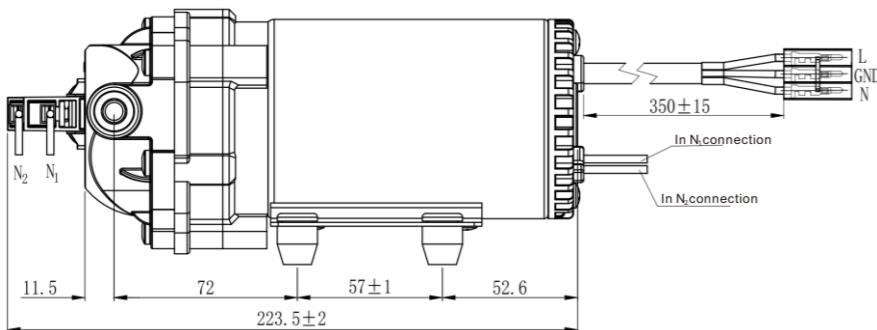
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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						70PSI	$\leq 0.73A$	
LFP5115T-30060						60PSI	$\leq 0.68A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5115T-30050	115V AC	0PSI	1.15GPM	$\leq 0.42A$	$\geq 2M$	50PSI	$\leq 0.64A$	
LFP5115T-30040						40PSI	$\leq 0.59A$	
LFP5115T-30030						30PSI	$\leq 0.54A$	



LFP5150T SERIES -5125T

Demand / Delivery Pump



○ 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

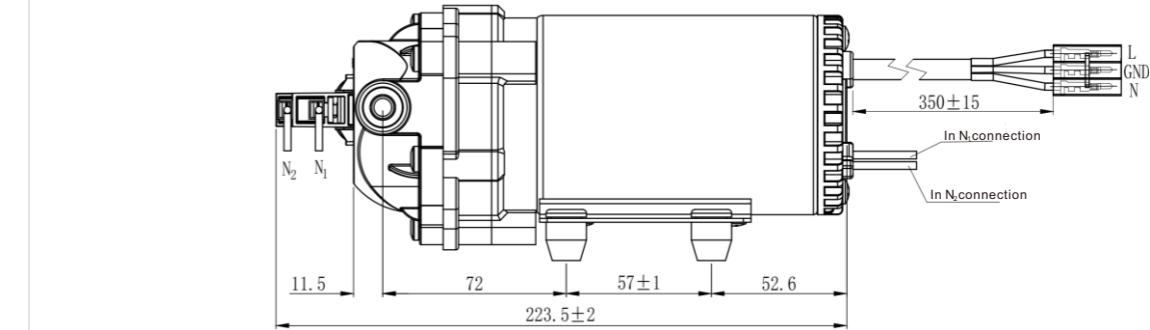
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor 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						70PSI	$\leq 0.82A$	
LFP5125T-30060						60PSI	$\leq 0.77A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5125T-30050	115V AC	0PSI	1.25GPM	$\leq 0.48A$	$\geq 2M$	50PSI	$\leq 0.72A$	
LFP5125T-30040						40PSI	$\leq 0.67A$	
LFP5125T-30030						30PSI	$\leq 0.63A$	



LFP5150T SERIES

-5140T

Demand / Delivery Pump



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

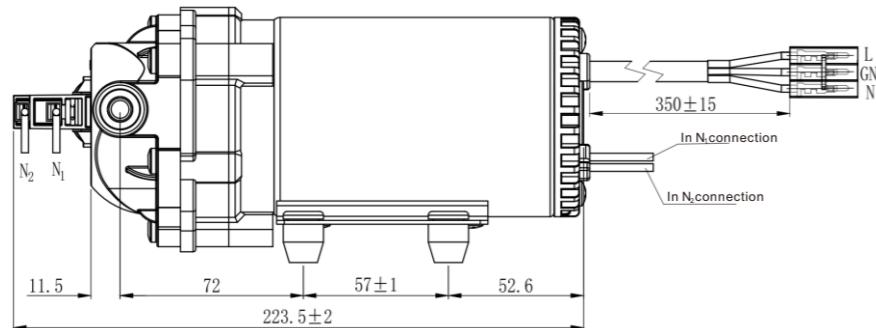
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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						70PSI	$\leq 0.98A$	
LFP5140T-30060						60PSI	$\leq 0.91A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5140T-30050	115V AC	0PSI	1.40GPM	$\leq 0.58A$	$\geq 2M$	50PSI	$\leq 0.85A$	
LFP5140T-30040						40PSI	$\leq 0.79A$	
LFP5140T-30030						30PSI	$\leq 0.73A$	



LFP5150T SERIES

-5150T

Demand / Delivery Pump



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						70PSI	$\leq 1.05A$	
LFP5150T-30060						60PSI	$\leq 0.96A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5150T-30050	115V AC	0PSI	1.50GPM	$\leq 0.62A$	$\geq 2M$	50PSI	$\leq 0.9A$	
LFP5150T-30040						40PSI	$\leq 0.84A$	
LFP5150T-30030						30PSI	$\leq 0.78A$	

