

LFP0100T SERIES

-0060T

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 12V DC. 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.

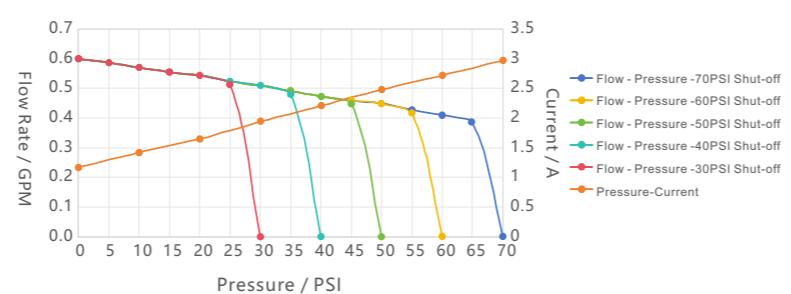
Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	0.60	2.27	1.17
10	0.57	2.16	1.42
20	0.54	2.06	1.65
30	0.51	1.93	1.94
40	0.47	1.79	2.21
50	0.45	1.70	2.48
60	0.41	1.55	2.72
70	0.38	1.44	2.97

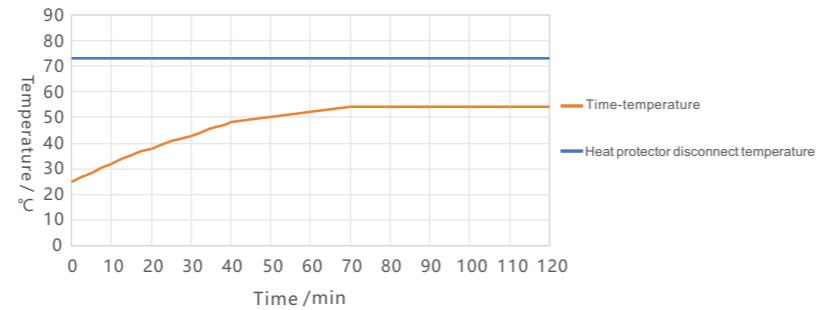
Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0060T-30070	12V DC	0PSI	0.6GPM	≤1.8A	≥2M	70PSI	≤3.6A	3/8" side female quick connector NPT3/8 Screw thread
LFP0060T-30060						60PSI	≤3.3A	
LFP0060T-30050						50PSI	≤3.1A	
LFP0060T-30040						40PSI	≤2.8A	
LFP0060T-30030						30PSI	≤2.5A	

Flow Curve



Temperature Rise @ Current 3.0A



LFP0100T SERIES

-0075T

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 12V DC. 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.

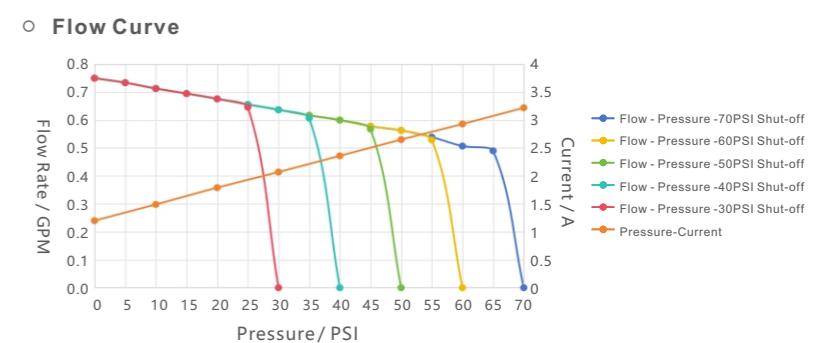
Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	0.75	2.84	1.2
10	0.71	2.70	1.49
20	0.68	2.56	1.79
30	0.64	2.41	2.07
40	0.60	2.27	2.36
50	0.56	2.13	2.65
60	0.51	1.92	2.93
70	0.48	1.81	3.22

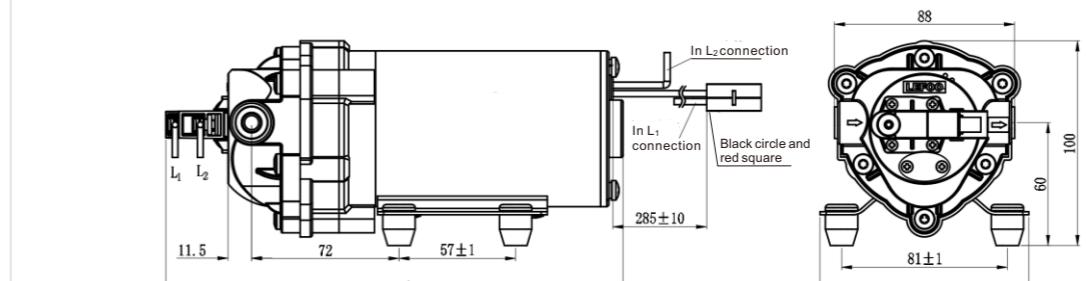
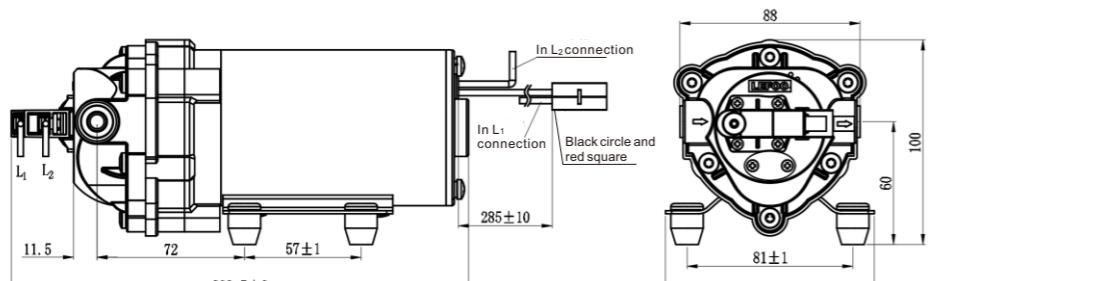
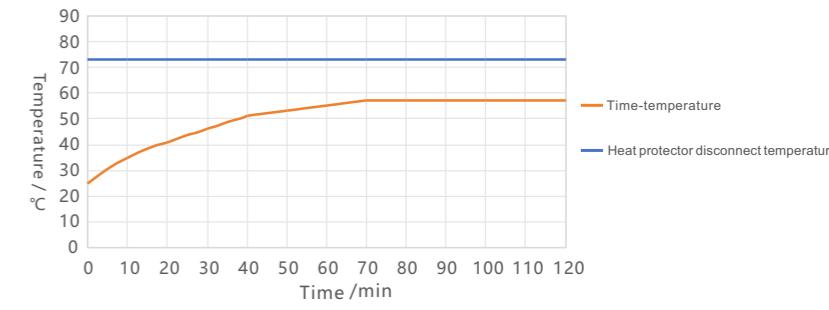
Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0075T-30070	12V DC	0PSI	0.75GPM	≤2.0A	≥2M	70PSI	≤3.8A	3/8" side female quick connector NPT3/8 Screw thread
LFP0075T-30060						60PSI	≤3.6A	
LFP0075T-30050						50PSI	≤3.3A	
LFP0075T-30040						40PSI	≤3.0A	
LFP0075T-30030						30PSI	≤2.7A	

Flow Curve



Temperature Rise @ Current 3.3A



LFP0100T SERIES

-0085T

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 12V DC. 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

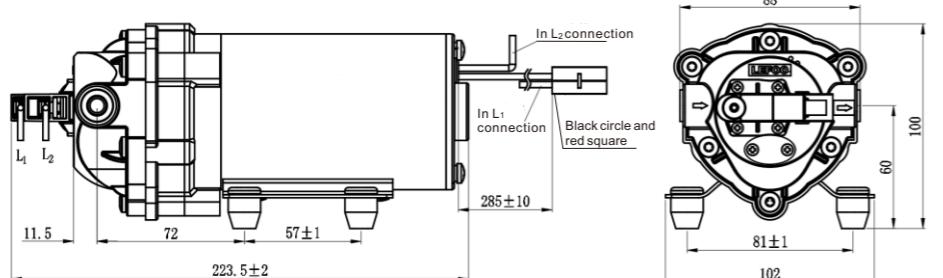
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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	1.96
10	0.82	3.12	2.31
20	0.79	2.99	2.65
30	0.76	2.89	2.96
40	0.73	2.76	3.35
50	0.69	2.63	3.68
60	0.64	2.42	4.01
70	0.61	2.31	4.24

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0085T-30070	12V DC	0PSI	0.85GPM	≤2.5A	≥2M	70PSI	≤4.8A	3/8" side female quick connector NPT3/8 Screw thread
LFP0085T-30060						60PSI	≤4.6A	
LFP0085T-30050						50PSI	≤4.3A	
LFP0085T-30040						40PSI	≤4.0A	
LFP0085T-30030						30PSI	≤3.6A	



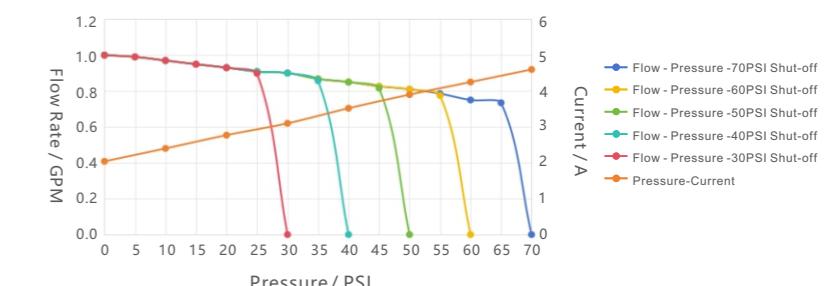
LFP0100T SERIES

-0100T

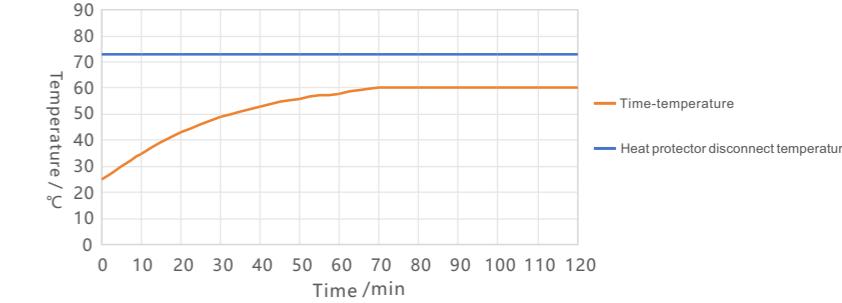
Demand / Delivery Pump



Flow Curve



Temperature Rise @ Current 4.6A



Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 12V DC. 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

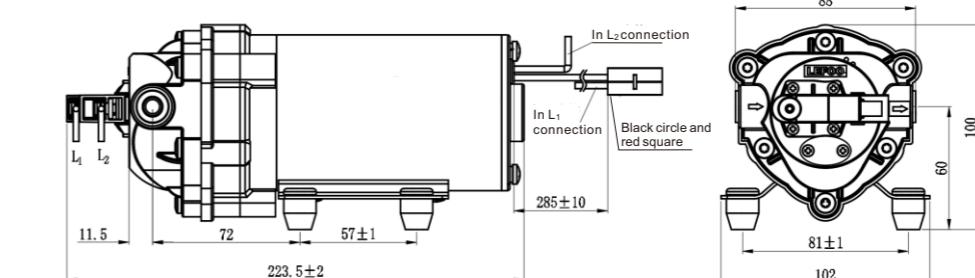
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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	2.04
10	0.97	3.67	2.4
20	0.93	3.51	2.77
30	0.90	3.42	3.10
40	0.85	3.23	3.52
50	0.81	3.05	3.90
60	0.75	2.84	4.25
70	0.72	2.73	4.60

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0100T-30070	12V DC	0PSI	1.0GPM	≤2.8A	≥2M	70PSI	≤5.2A	3/8" side female quick connector NPT3/8 Screw thread
LFP0100T-30060						60PSI	≤4.8A	
LFP0100T-30050						50PSI	≤4.5A	
LFP0100T-30040						40PSI	≤4.1A	
LFP0100T-30030						30PSI	≤3.7A	



LFP0150T SERIES

-0115T

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 12V DC. 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

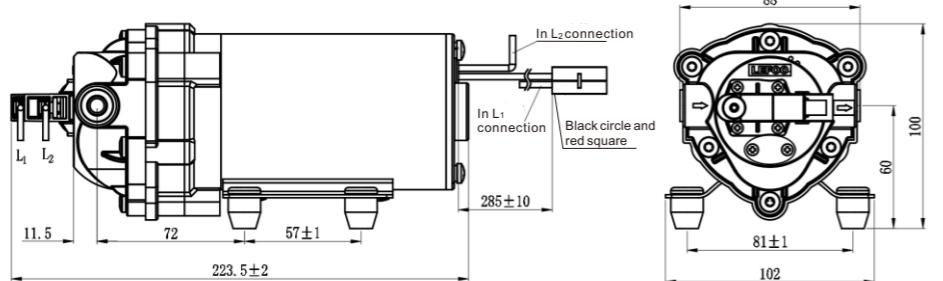
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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	2.67
10	1.11	4.21	3.15
20	1.08	4.08	3.62
30	1.04	3.93	4.05
40	1.00	3.8	4.60
50	0.97	3.68	5.05
60	0.94	3.56	5.47
70	0.90	3.42	5.90

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0115T-30070	12V DC	0PSI	1.15GPM	≤3.2A	≥2M	70PSI	≤6.5A	3/8" side female quick connector NPT3/8 Screw thread
LFP0115T-30060						60PSI	≤6.0A	
LFP0115T-30050						50PSI	≤5.6A	
LFP0115T-30040						40PSI	≤5.2A	
LFP0115T-30030						30PSI	≤4.6A	



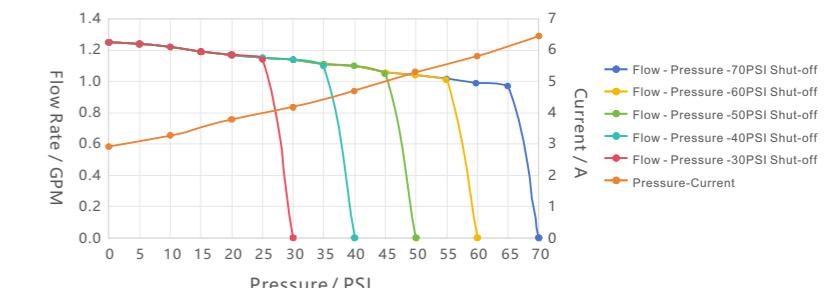
LFP0150T SERIES

-0125T

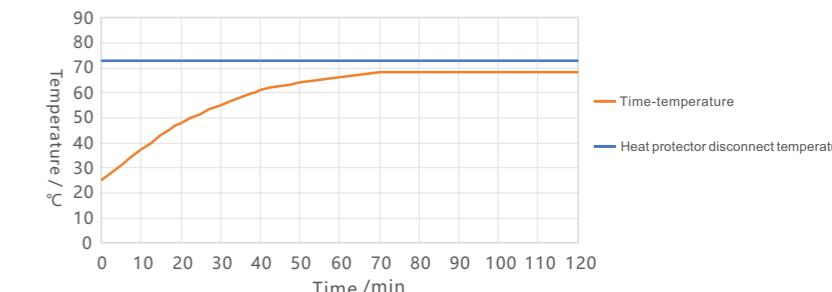
Demand / Delivery Pump



Flow Curve



Temperature Rise @ Current 5.9A



Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 12V DC. 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

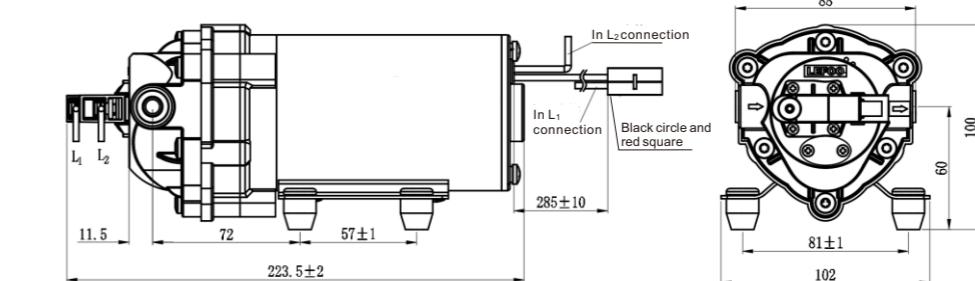
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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	2.92
10	1.22	4.61	3.27
20	1.17	4.44	3.79
30	1.14	4.31	4.18
40	1.1	4.15	4.7
50	1.04	3.93	5.3
60	0.99	3.74	5.8
70	0.95	3.61	6.45

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0125T-30070	12V DC	0PSI	1.25GPM	≤3.8A	≥2M	70PSI	≤7.0A	3/8" side female quick connector NPT3/8 Screw thread
LFP0125T-30060						60PSI	≤6.4A	
LFP0125T-30050						50PSI	≤5.9A	
LFP0125T-30040						40PSI	≤5.3A	
LFP0125T-30030						30PSI	≤4.8A	



LFP0150T SERIES -0140T

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 12V DC. 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

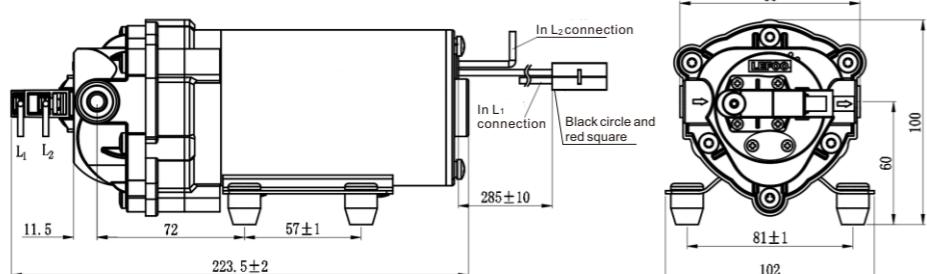
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor 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	5.30	3.6
10	1.38	5.21	4.02
20	1.33	5.04	4.52
30	1.29	4.88	4.9
40	1.24	4.71	5.5
50	1.19	4.52	6.0
60	1.14	4.30	6.55
70	1.10	4.18	7.10

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0140T-30070	12V DC	0PSI	1.40GPM	≤4.2A	≥2M	70PSI	≤7.7A	3/8" side female quick connector NPT3/8 Screw thread
LFP0140T-30060						60PSI	≤7.1A	
LFP0140T-30050						50PSI	≤6.6A	
LFP0140T-30040						40PSI	≤6.1A	
LFP0140T-30030						30PSI	≤5.5A	



○ Demand / Delivery Pump

LFP0150T SERIES -0150T

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 12V DC. 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	3.97
10	1.45	5.50	4.4
20	1.41	5.33	4.95
30	1.38	5.22	5.37
40	1.33	5.03	5.95
50	1.28	4.85	6.5
60	1.24	4.70	7.11
70	1.20	4.54	7.78

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP0150T-30070	12V DC	0PSI	1.50GPM	≤4.6A	≥2M	70PSI	≤8.4A	3/8" side female quick connector NPT3/8 Screw thread
LFP0150T-30060						60PSI	≤7.7A	
LFP0150T-30050						50PSI	≤7.1A	
LFP0150T-30040						40PSI	≤6.6A	
LFP0150T-30030						30PSI	≤6.0A	

