

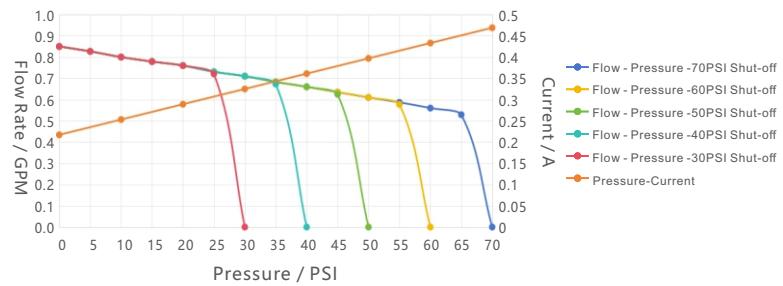
LFP5100T SERIES

-5085T

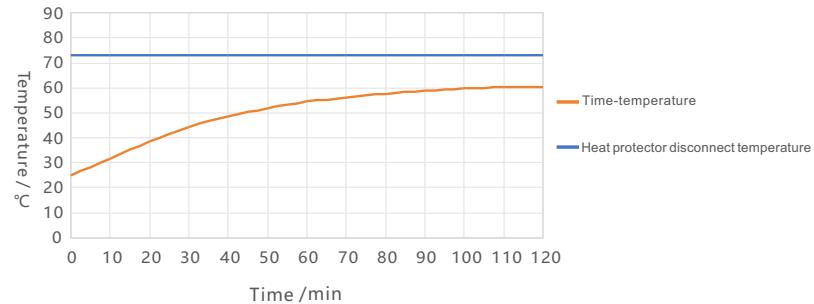
Demand / Delivery Pump



○ 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 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	115V AC	0PSI	0.85GPM	$\leq 0.33A$	$\geq 2M$	70PSI	$\leq 0.58A$	3/8" side female quick connector NPT3/8 Screw thread
LFP5085T-30060						60PSI	$\leq 0.54A$	
LFP5085T-30050						50PSI	$\leq 0.51A$	
LFP5085T-30040						40PSI	$\leq 0.47A$	
LFP5085T-30030						30PSI	$\leq 0.44A$	

