



### General Specifications

#### Motor Protection:

Auto Restart/Polarity Protection

Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

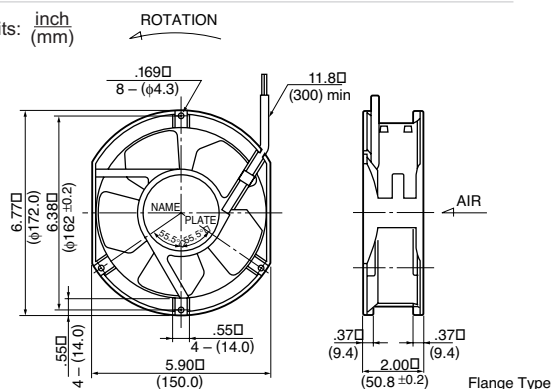
Allowable Ambient Temperature Range:

-10°C ~ +70°C (Operating)

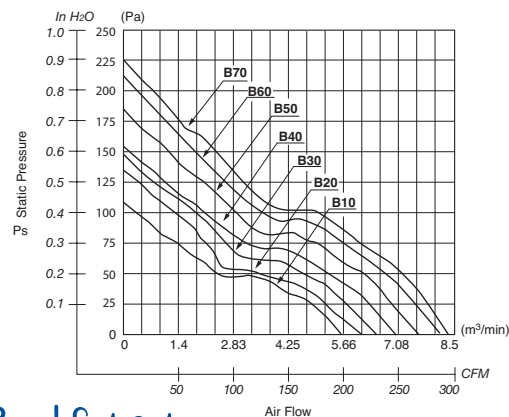
-40°C ~ +70°C (Storage)

(non-condensing environment)

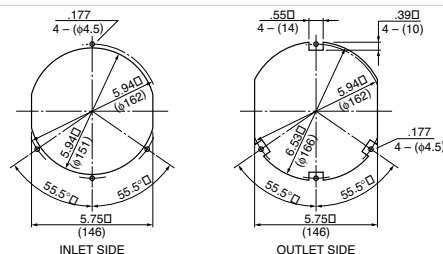
### Outline

Units:  $\frac{\text{inch}}{\text{mm}}$ 


### Characteristic Curves



### Panel Cut-outs



### Material

Casing : Aluminum (Black)

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

Lead Wire : UL1007, AWG22, +Red, -Black

### Specifications

| MODEL           | Product No. | Rated Voltage | Operating Voltage | Current           | Input Power       | Speed                              | Max. Air Flow     |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-----------------|-------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                 |             | (V)           | (V)               | (A) <sup>*1</sup> | (W) <sup>*1</sup> | (min <sup>-1</sup> ) <sup>*1</sup> | CFM <sup>*1</sup> | (m <sup>3</sup> /min) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| 5920PL-04W-B10- | D00         | 12            | 6.0 ~ 18.0        | 0.80              | 9.60              | 2550                               | 180.0             | 5.10                                | .37                  | 92.5               | 50.0               | 830  |
| 5920PL-04W-B20- | D00         | 12            | 6.0 ~ 18.0        | 1.00              | 12.00             | 2850                               | 200.0             | 5.66                                | .47                  | 117.5              | 53.0               | 830  |
| 5920PL-04W-B30- | D00         | 12            | 6.0 ~ 18.0        | 1.15              | 13.80             | 3150                               | 225.0             | 6.37                                | .56                  | 140.0              | 55.0               | 830  |
| 5920PL-04W-B40- | D00         | 12            | 6.0 ~ 18.0        | 1.44              | 17.28             | 3350                               | 240.0             | 6.80                                | .62                  | 155.0              | 58.0               | 830  |
| 5920PL-04W-B50- | D00         | 12            | 6.0 ~ 18.0        | 1.60              | 19.20             | 3500                               | 260.0             | 7.36                                | .73                  | 182.75             | 60.3               | 830  |
| 5920PL-05W-B10- | D00         | 24            | 12.0 ~ 30.0       | 0.36              | 8.64              | 2550                               | 180.0             | 5.10                                | .37                  | 92.5               | 50.0               | 830  |
| 5920PL-05W-B20- | D00         | 24            | 12.0 ~ 30.0       | 0.46              | 11.04             | 2850                               | 200.0             | 5.66                                | .47                  | 117.5              | 53.0               | 830  |
| 5920PL-05W-B30- | D00         | 24            | 12.0 ~ 30.0       | 0.55              | 13.20             | 3150                               | 225.0             | 6.37                                | .56                  | 140.0              | 55.0               | 830  |
| 5920PL-05W-B40- | D00         | 24            | 12.0 ~ 30.0       | 0.66              | 15.84             | 3350                               | 240.0             | 6.80                                | .62                  | 155.0              | 58.0               | 830  |
| 5920PL-05W-B50- | D00         | 24            | 12.0 ~ 30.0       | 0.79              | 18.96             | 3500                               | 260.0             | 7.36                                | .73                  | 182.75             | 60.3               | 830  |
| 5920PL-05W-B60- | D00         | 24            | 12.0 ~ 30.0       | 0.88              | 21.12             | 3750                               | 280.0             | 7.93                                | .84                  | 210.5              | 62.5               | 830  |
| 5920PL-05W-B70- | D00         | 24            | 12.0 ~ 30.0       | 1.08              | 25.92             | 4000                               | 300.0             | 8.50                                | .90                  | 226.5              | 63.2               | 830  |
| 5920PL-07W-B10- | D00         | 48            | 25.0 ~ 60.0       | 0.18              | 8.64              | 2550                               | 180.0             | 5.10                                | .37                  | 92.5               | 50.0               | 830  |
| 5920PL-07W-B20- | D00         | 48            | 25.0 ~ 60.0       | 0.23              | 11.04             | 2850                               | 200.0             | 5.66                                | .47                  | 117.5              | 53.0               | 830  |
| 5920PL-07W-B30- | D00         | 48            | 25.0 ~ 60.0       | 0.27              | 12.96             | 3150                               | 225.0             | 6.37                                | .56                  | 140.0              | 55.0               | 830  |
| 5920PL-07W-B40- | D00         | 48            | 25.0 ~ 60.0       | 0.33              | 15.84             | 3350                               | 240.0             | 6.80                                | .62                  | 155.0              | 58.0               | 830  |
| 5920PL-07W-B50- | D00         | 48            | 25.0 ~ 60.0       | 0.40              | 19.20             | 3500                               | 260.0             | 7.36                                | .73                  | 182.75             | 60.3               | 830  |
| 5920PL-07W-B60- | D00         | 48            | 25.0 ~ 60.0       | 0.47              | 22.56             | 3750                               | 280.0             | 7.93                                | .84                  | 210.5              | 62.5               | 830  |
| 5920PL-07W-B70- | D00         | 48            | 25.0 ~ 60.0       | 0.51              | 24.48             | 4000                               | 300.0             | 8.50                                | .90                  | 226.5              | 63.2               | 830  |

Rotation: Counterclockwise

Airflow Outlet: Air Out Over Struts

<sup>\*1</sup>: Average Values in Free Air

# Mouser Electronics

Authorized Distributor

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## NMB Technologies:

|                                           |                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <a href="#"><u>5920PL-05W-B40-D00</u></a> | <a href="#"><u>5920PL-05W-B39-D50</u></a> | <a href="#"><u>5920PL-05W-B70-D00</u></a> | <a href="#"><u>5920PL-05W-B20-D00</u></a> | <a href="#"><u>5920PL-07W-B70-D00</u></a> |
| <a href="#"><u>5920PL-05W-B10-D00</u></a> | <a href="#"><u>5920PL-05W-B39-D00</u></a> | <a href="#"><u>5920PL-05W-B49-D00</u></a> | <a href="#"><u>5920PL-07W-B20-D00</u></a> | <a href="#"><u>5920PL-07W-B49-D00</u></a> |
| <a href="#"><u>5920PL-07W-B79-D50</u></a> | <a href="#"><u>5920PL-05W-B30-D00</u></a> | <a href="#"><u>5920PL-05W-B49-D50</u></a> | <a href="#"><u>5920PL-07W-B40-D00</u></a> | <a href="#"><u>5920PL-04W-B10-D00</u></a> |
| <a href="#"><u>5920PL-04W-B20-D00</u></a> | <a href="#"><u>5920PL-07W-B30-D00</u></a> | <a href="#"><u>5920PL-07W-B10-D00</u></a> | <a href="#"><u>5920PL-04W-B30-D00</u></a> | <a href="#"><u>5920PL-04W-B39-D00</u></a> |
| <a href="#"><u>5920PL-05W-B19-D50</u></a> | <a href="#"><u>5920PL-07W-B49-D50</u></a> | <a href="#"><u>5920PL-04W-B39-D50</u></a> | <a href="#"><u>5920PL-05W-B50-D00</u></a> | <a href="#"><u>5920PL-07W-B69-D50</u></a> |
| <a href="#"><u>5920PL-04W-B40-D00</u></a> | <a href="#"><u>5920PL-07W-B39-D50</u></a> | <a href="#"><u>5920PL-05W-B60-D00</u></a> | <a href="#"><u>5920PL-04W-B49-D50</u></a> |                                           |