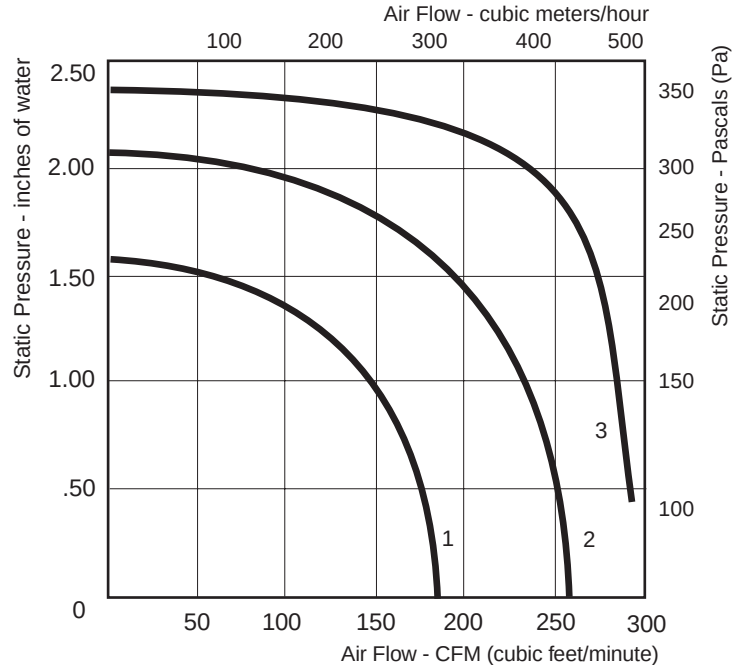
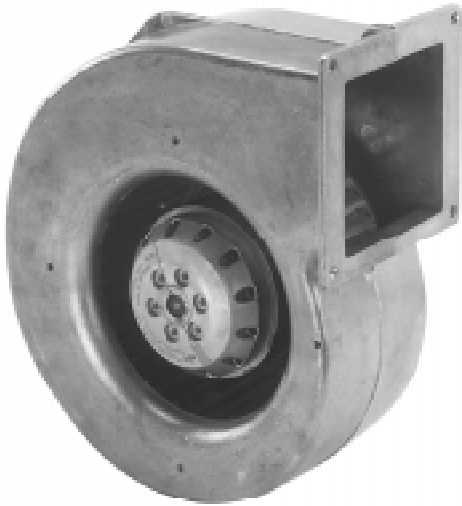


# 180 to 318 CFM, 115 & 230 Volt AC Single Inlet Centrifugal Blowers

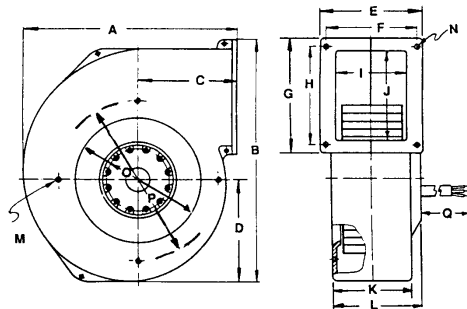


| Curve Number | PART NUMBER            | Volts | Hertz | Watts | Flange | Rotation** | CFM @ 0" | dBA | Temp. Max °C | Wgt. (lbs.) | Wiring Dgm# | Capacitor (µf) |
|--------------|------------------------|-------|-------|-------|--------|------------|----------|-----|--------------|-------------|-------------|----------------|
| 1            | <b>G2E140-AL30-48</b>  | 115   | 60    | 130   | Yes    | R          | 180*     | 60  | 40           | 7.0         | A           | 10             |
| 1            | <b>G2E140-AL40-48</b>  | 230   | 50/60 | 145   | Yes    | R          | 180*     | 60  | 40           | 7.0         | A           | 2              |
| 2            | <b>G2E140-AC13-42</b>  | 115   | 60    | 200   | Yes    | R          | 251      | 67  | 40           | 7.5         | A           | 16             |
| 2            | <b>G2E140-AC05-42</b>  | 230   | 60    | 210   | Yes    | R          | 251      | 67  | 40           | 7.5         | A           | 4              |
| 3            | <b>G2E146-BF05-29*</b> | 115   | 60    | 295   | Yes    | R          | 318*     | 69  | 40           | 8.5         | A           | 20             |
| 3            | <b>G2E146-BF01-35*</b> | 230   | 60    | 330   | Yes    | R          | 318*     | 69  | 40           | 8.5         | A           | 5              |

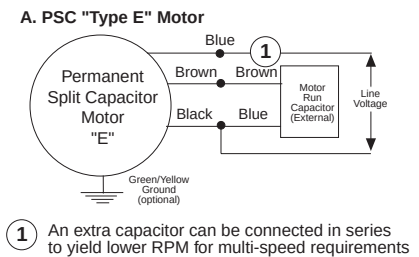
\* Not to be run wide open - refer to performance curve.

\*\*Rotation as viewed from side opposite the lead exit: R = clockwise; L = counter-clockwise

## Dimensions



## Wiring Diagram



| Type      | Notes | A             | B              | C             | D             | E             | F             | G             | H             | I            | J            | K             | L             | M* | N            | O             | P             | Q              |
|-----------|-------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|---------------|---------------|----|--------------|---------------|---------------|----------------|
| G2E140-AL | 2     | 8.90<br>(226) | 10.28<br>(261) | 4.06<br>(103) | 4.21<br>(107) | 5.12<br>(130) | 4.53<br>(115) | 4.72<br>(120) | 4.13<br>(105) | 3.70<br>(94) | 3.62<br>(92) | 3.94<br>(100) | 3.94<br>(100) | M4 | .25<br>(6.6) | 4.65<br>(118) | 6.22<br>(158) | 17.72<br>(450) |
| G2E140-AC | 2     | 8.90<br>(226) | 10.28<br>(261) | 4.06<br>(103) | 4.21<br>(107) | 5.12<br>(130) | 4.53<br>(115) | 4.72<br>(120) | 4.13<br>(105) | 3.70<br>(94) | 3.62<br>(92) | 3.94<br>(100) | 3.94<br>(100) | M4 | .25<br>(6.6) | 4.65<br>(118) | 6.22<br>(158) | 17.72<br>(450) |
| G2E146-BF | 2     | 8.90<br>(226) | 10.28<br>(261) | 4.06<br>(103) | 4.21<br>(107) | 5.12<br>(130) | 4.53<br>(115) | 4.72<br>(120) | 4.13<br>(105) | 3.70<br>(94) | 3.62<br>(92) | 3.94<br>(100) | 4.09<br>(104) | M4 | .25<br>(6.3) | 4.94<br>(126) | 6.22<br>(158) | 17.72<br>(450) |

NOTE 2: Sheet metal housing available on special order, standard housing cast aluminum \* Tapped hole in aluminum housing