



# Pump Motors

## NEMA

|                      |                         |
|----------------------|-------------------------|
| <b>MOTOR MODEL:</b>  | GA3-AL-TF-184JM-2-B-D-5 |
| <b>FACTORY TYPE:</b> | TFA                     |

### EPAct NEMA Cast Aluminum, TEFC

| ELECTRICAL DATA              |              |       |
|------------------------------|--------------|-------|
|                              | 60 Hz        | 50 Hz |
| Horsepower                   | 5.0          | 5.0   |
| Speed, RPM                   | 3510         | -     |
| Voltage                      | 230/460      | -     |
| # Phase                      | 3            |       |
| Full Load Amps               | 11.8/5.9     | -     |
| Power Factor                 | 0.9          | -     |
| Nominal Efficiency           | 87.5         | -     |
| 3/4 Load Efficiency          | -            | -     |
| Service Factor               | 1.25         | -     |
| KVA Code                     | L            | -     |
| FL Amps. @ 208 V             | 12.8         | -     |
| LRC @ 60Hz HV                | -            | -     |
| Start Capacitor              | -            |       |
| Start Capacitor V            | -            |       |
| Run Capacitor                | -            |       |
| Run Capacitor V              | -            |       |
| Number of Leads              | 9            |       |
| Connection                   | YY/Y         |       |
| Coil Resistance              | -            |       |
| Date Code                    | -            |       |
|                              |              |       |
| Load                         | Efficiency % | P.F.  |
| 50%                          | -            | -     |
| 75%                          | -            | -     |
| 100%                         | -            | -     |
| FULL LOAD TEMPERATURE RISE   |              |       |
| FL Temp Rise °C              | 44.0         | 64.0  |
|                              |              |       |
| 3D Image Link                |              |       |
| Not available for this motor |              |       |

| GENERAL DATA                               |                |              |       |
|--|----------------|--------------|-------|
| Frame Size                                 | 184JM          |              |       |
| Frame Enclosure                            | TEFC           |              |       |
| Mounting                                   | Rigid/C-Flange |              |       |
| Insulation Class                           | F              |              |       |
| Duty                                       | Cont. / S1     |              |       |
| NEMA Design                                | A              |              |       |
| Frame Material                             | Cast Aluminum  |              |       |
| Ingress Protection                         | 55             |              |       |
| Tropicalization                            | true           |              |       |
| Cable Entry                                | 1-NPT 3/4"     |              |       |
| Feet Removable                             | true           |              |       |
| Double Drilled                             | -              |              |       |
| Paint Color                                | Graphite Gray  |              |       |
| Paint RAL                                  | 7024           |              |       |
| Weight lb                                  | 62.0           |              |       |
|  |                |              |       |
| MECHANICAL DATA                            |                |              |       |
| DE Bearing                                 | 6207ZZ         |              |       |
| NDE Bearing                                | 6206ZZ         |              |       |
| dB No-Load                                 | -              |              |       |
| Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup> | -              |              |       |
| Comp Ring (wavy washer)                    | NDE            |              |       |
|  |                |              |       |
| TORQUE VALUES                              |                | Torque lb-ft | % FLT |
| Locked Rotor Torque                        |                | -            | -     |
| Pull-Up Torque                             |                | -            | -     |
| Breakdown Torque                           |                | -            | -     |
| Full Load Torque                           |                | -            | -     |
|  |                |              |       |
| SITE CONDITIONS                            |                |              |       |
| Ambient Temp °C                            |                | 40           |       |
| Altitude Above Sea Level m                 |                | 1000         |       |

\*This report valid for above Date Code and newer models, please contact Techtop for more info.