



Formerly A. O. Smith Electrical Products Company

## JuggerNaut® Motors 6028C



A Regal Brand

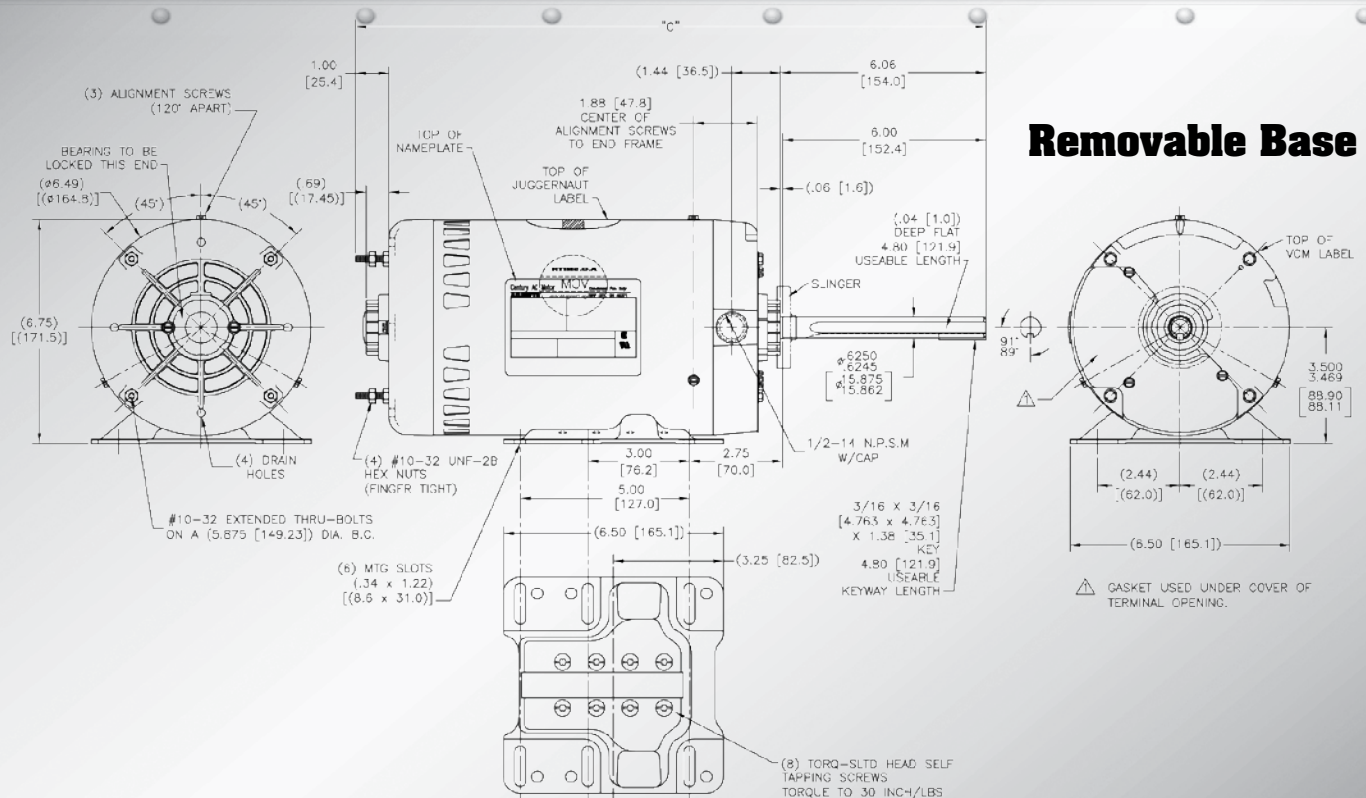
**REGAL**

## Specifications:

- Inverter duty
- Removable 56H rigid base
- 70°C (158°) max ambient
- Class F moisture resistant insulation
- Automatic overload protector
- Large water slinger
- Double sealed ball bearings
- Positioning lugs for easy belly-band mounting
- Shaft up mounting
- Quick connect design
- Energy-efficient three phase design
- Conductive bearing grease for inverter applications
- 50/60 Hertz
- Three phase
- Continuous duty, air over

## Class F Insulation - 70°C (158°F) Max Ambient - Removable Base

| Stock No. | HP    | Volts       | Amps        | RPM  | Speeds | Frame Size | Rotation   | Type        | Bearings | "C" Dim. | Shaft       | Wt. (lbs) |
|-----------|-------|-------------|-------------|------|--------|------------|------------|-------------|----------|----------|-------------|-----------|
| H1055A    | 1/2   | 460/200-230 | 1.3/2.8-2.6 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 16.40    | 5/8" x 6.0" | 27        |
| H1056A    | 3/4   | 460/200-230 | 1.5/2.8-3.0 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 16.51    | 5/8" x 6.0" | 28        |
| H1050A    | 1     | 460/208-230 | 2.2/4.4-4.0 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 16.63    | 5/8" x 6.0" | 29        |
| H1051A    | 1 1/2 | 460/208-230 | 2.9/5.8-5.8 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 17.63    | 5/8" x 6.0" | 38        |
| H1052A    | 2     | 460/208-230 | 3.7/7.4-7.0 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 18.63    | 5/8" x 6.0" | 45        |
| H1053A    | 1     | 460/208-230 | 2.6/5.2-5.0 | 850  | 1      | 56HZ       | Reversible | Three Phase | Ball     | 18.63    | 5/8" x 6.0" | 45        |
| H1054A    | 1 1/2 | 460/208-230 | 3.6/6.7-7.2 | 850  | 1      | 56HZ       | Reversible | Three Phase | Ball     | 19.13    | 5/8" x 6.0" | 50        |



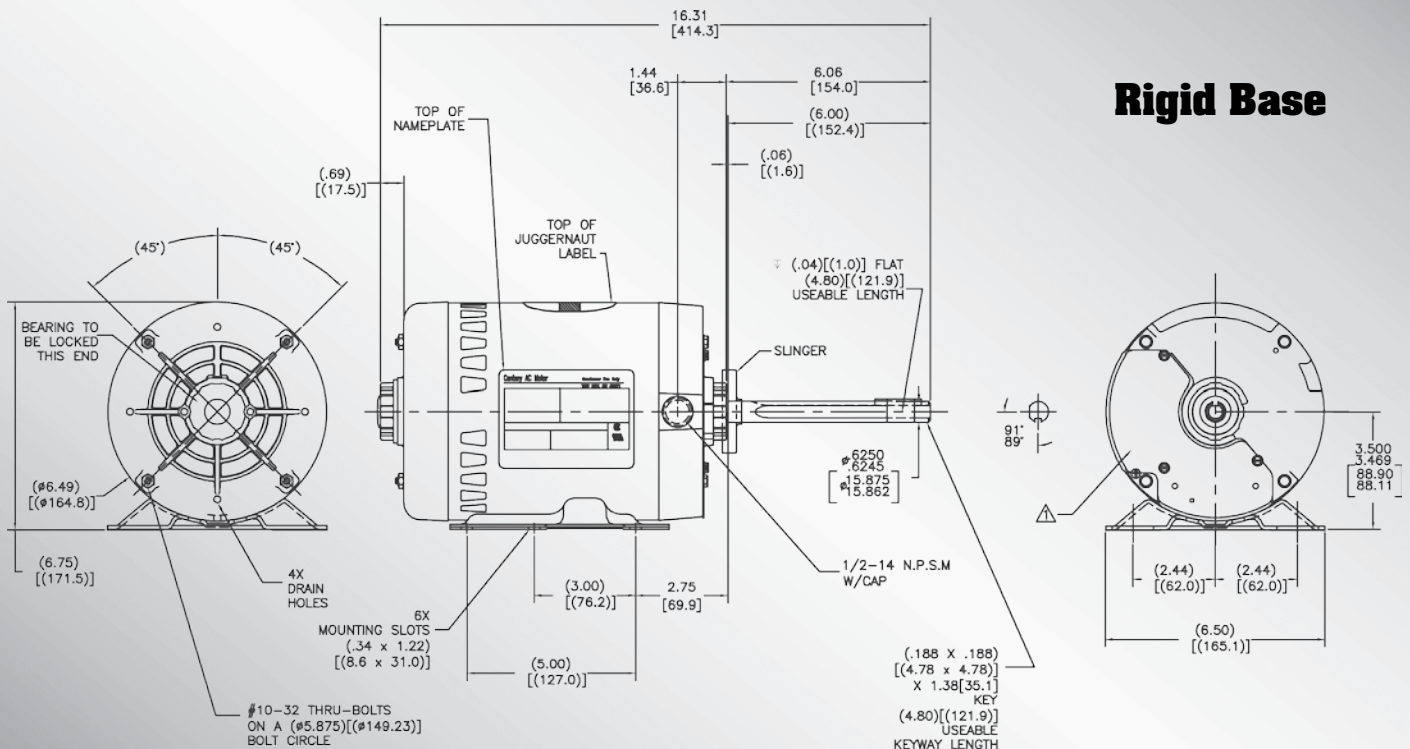
## Specifications:

- Inverter duty
- 56H rigid base
- 70°C (158°) max ambient
- Class F moisture resistant insulation
- Automatic overload protector
- Large water slinger
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- Positioning lugs for easy belly-band mounting
- Shaft up mounting
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- Energy-efficient three phase design
- Conductive bearing grease for inverter applications
- 50/60 Hertz
- Three phase
- Continuous duty, air over

### Class F Insulation - 70°C (158°F) Max Ambient - Rigid Base

| Stock No. | HP    | Volts       | Amps        | RPM  | Speeds | Frame Size | Rotation   | Type        | Bearings | "C" Dim. | Shaft       | Wt. (lbs) |
|-----------|-------|-------------|-------------|------|--------|------------|------------|-------------|----------|----------|-------------|-----------|
| H1050RB   | 1     | 460/208-230 | 2.2/4.4-4.0 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 16.31    | 5/8" x 6.0" | 30        |
| H1051RB   | 1 1/2 | 460/208-230 | 2.9/5.8-5.8 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 17.31    | 5/8" x 6.0" | 38        |
| H1052RB   | 2     | 460/208-230 | 3.7/7.4-7.0 | 1140 | 1      | 56HZ       | Reversible | Three Phase | Ball     | 18.31    | 5/8" x 6.0" | 45        |
| H1053RB   | 1     | 460/208-230 | 2.6/5.2-5.0 | 850  | 1      | 56HZ       | Reversible | Three Phase | Ball     | 18.32    | 5/8" x 6.0" | 43        |
| H1054RB   | 1 1/2 | 460/208-230 | 3.6/6.7-7.2 | 850  | 1      | 56HZ       | Reversible | Three Phase | Ball     | 18.82    | 5/8" x 6.0" | 38        |

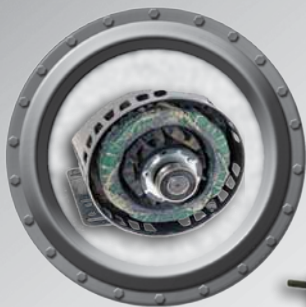
**Note:** It is the responsibility of the installer to properly adjust the drive to the motor for the specific application. The correct volts/Hz settings are application specific and unique to each motor. Failure to perform proper set up can lead to substandard performance and /or premature failure of the system components.





## Features:

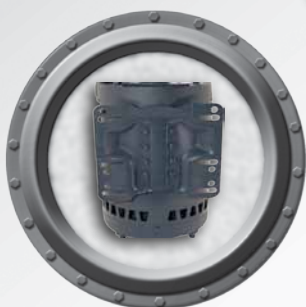
- **Inverter Duty:** Corona free with conductive bearing grease for reliable use with today's inverters.
- **70°C (158°F) Max Amb:** UL and CSA rated for 70°C (158°F) max ambient temperatures.
- **Class F Insulation:** UL and CSA approved, non-hygroscopic class F insulation system achieves superior dielectric strength for long thermal life.
- **Removable & Fixed Rigid Base:** Fixed or easy to remove 56H rigid base provides multiple mounting options.
- **Enclosed Shaft End:** Shaft up mounting.
- **Electrically Reversible:** Easy rotation change with quick connect terminal board.
- **High Temperature:** Automatic overload protector reduces nuisance trip outs.
- **Windings:** 100% copper windings and optimum winding design minimize losses resulting in higher efficiencies, increased motor life and lower operating cost.
- **Efficiency:** Conservationist™ energy efficient 3 phase designs.
- **Bearings:** Heavy duty, double sealed, anti-friction, high performance ball bearings for long reliable life. Bearing is locked on opposite shaft end.
- **Bearing Protection:** Large high temperature nylon glass filled shaft slinger keeps water and dirt out of the motor bearings.
- **Positioning Lugs:** Makes easy work of belly band mounting.
- **Rotor Coating:** Corrosion resistant coating on rotor core for longer motor life.
- **Drain Holes:** Allows quick draining of moisture build up.
- **Mounting Bolts:** Heavy duty #10-32 bolts with 1.0" extension.
- **Fasteners:** Extra mounting nuts are supplied to allow for quick installations.
- **High Torque:** Ultra-high-torque designs handle even the heaviest loads.
- **Approvals:** UL recognized and CSA certified.



Class F Insulation



Inverter Duty



Removable & Fixed Rigid Base





## Cross Reference

| Century           | Emerson     | Baldor    |
|-------------------|-------------|-----------|
| <b>Belly Band</b> |             |           |
| H1050A            | 1818*/1818V | CFM3156A* |
| H1051A            | 1819*/1819V | CFM3166A* |
| H1052A            | 8987*/8987V | N/A       |
| H1053A            | 1828*/1828  | N/A       |
| H1054A            | N/A         | N/A       |
| H1055A            | 1817*       | N/A       |
| <b>Rigid Base</b> |             |           |
| H1050A/H1050RB    | 1820*/1820V | N/A       |
| H1051A/H1051RB    | 1821*/1821V | N/A       |
| H1052A/H1052RB    | 1822*/1822V | N/A       |
| H1053A/H1053RB    | N/A         | N/A       |
| H1054A/H1054RB    | N/A         | N/A       |

\*Not Inverter Duty



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