



OVERVIEW

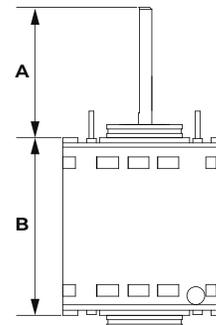
Dial® direct drive motors are engineered with performance, reliability, and convenience in mind. 100% copper windings improve efficiency, optimize heat dissipation, and provide maximum durability and reliability. In addition, Dial® copper wound motors feature an average service factor greater than 1.0 and can easily handle extra loads beyond the nameplate rating for short periods of time without sustaining damage. This is particularly beneficial during voltages fluctuations. Dial® direct drive motors are backed by a 2-year warranty.

SPECIFICATIONS

- 60°C Ambient
- 60 Hz / Single Phase
- Open Air Over Construction
- Auto Thermal Protection
- NEMA 48 Frame
- 36" Leads
- UL Recognized

FEATURES

- Precision Ball Bearings deliver long-lasting, maintenance-free performance.
- Heavy-Gauge Rolled Steel Shells reduce belly band deformation and stator damage.
- 100% Copper Windings reduce operating temperatures and extend life expectancy.
- Average Service Factors Exceed 1.0 allowing momentary operation above nameplate rating.
- 2-Year Warranty



SINGLE HORSEPOWER

| Dial No. | HP | Voltage | RPM / Speeds | Rotation | Amps | Required Capacitor | Shaft Diameter | Shell Diameter | Dimension | |
|----------|-----|------------|--------------|------------|------|--------------------|----------------|----------------|-----------|-------|
| | | | | | | | | | A | B |
| 24583 | 1/4 | 115V | 1075 / 3 | Reversible | 3.8 | 5µF / 370V | 0.50" | 5.6" | 4.43" | 4.21" |
| 24584 | 1/4 | 208 / 230V | 1075 / 3 | Reversible | 1.8 | 5µF / 370V | 0.50" | 5.6" | 4.43" | 4.21" |
| 24585 | 1/3 | 115V | 1075 / 3 | Reversible | 5.0 | 5µF / 370V | 0.50" | 5.6" | 4.45" | 4.47" |
| 24586 | 1/3 | 208 / 230V | 1075 / 3 | Reversible | 2.7 | 5µF / 370V | 0.50" | 5.6" | 4.45" | 4.47" |
| 24587 | 1/2 | 115V | 1075 / 3 | Reversible | 7.0 | 10µF / 370V | 0.50" | 5.6" | 4.45" | 5.22" |
| 24588 | 1/2 | 208 / 230V | 1075 / 3 | Reversible | 3.2 | 7.5µF / 370V | 0.50" | 5.6" | 4.45" | 5.22" |
| 24589 | 3/4 | 115V | 1075 / 3 | Reversible | 10.0 | 15µF / 370V | 0.50" | 5.6" | 4.43" | 5.50" |
| 24590 | 3/4 | 208 / 230V | 1075 / 3 | Reversible | 4.5 | 10µF / 370V | 0.50" | 5.6" | 4.43" | 5.50" |
| 24595 | 1 | 115V | 1075 / 3 | Reversible | 12.6 | 20µF / 370V | 0.50" | 5.6" | 4.43" | 6.10" |
| 24596 | 1 | 208 / 230V | 1075 / 3 | Reversible | 5.2 | 15µF / 370V | 0.50" | 5.6" | 4.43" | 6.10" |

MULTI-HORSEPOWER

| Dial No. | HP | Voltage | RPM / Speeds | Rotation | Amps | Required Capacitor | Shaft Diameter | Shell Diameter | Dimension | |
|----------|-----------|------------|--------------|------------|-----------|--|----------------|----------------|-----------|-------|
| | | | | | | | | | A | B |
| 24463 | 1/2 - 1/6 | 115V | 1075 / 4 | Reversible | 7.0 | 10µF / 370V | 0.50" | 5.6" | 4.98" | 4.84" |
| 24464 | 1/2 - 1/6 | 208 / 230V | 1075 / 4 | Reversible | 3.0 | 10µF / 370V | 0.50" | 5.6" | 4.98" | 4.84" |
| 24466 | 3/4 - 1/5 | 115V | 1075 / 4 | Reversible | 9 / 7.1 | 20µF/10µF / 370V | 0.50" | 5.6" | 5.51" | 6.10" |
| 24467 | 3/4 - 1/5 | 208 / 230V | 1075 / 4 | Reversible | 4.9 / 4.3 | 20µF / 370V @ 208V 10µF / 370V @ 230V | 0.50" | 5.6" | 5.51" | 6.10" |