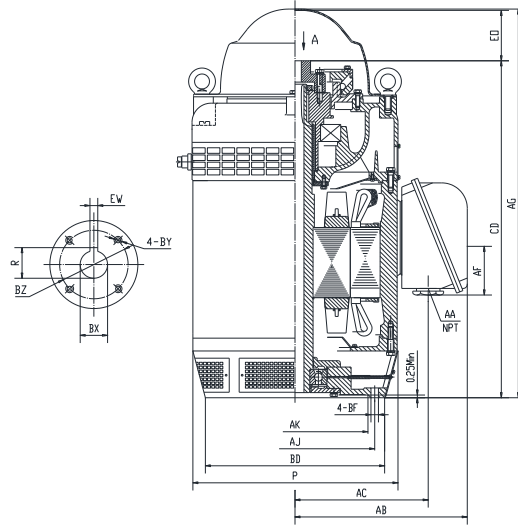




V2-60D4-W36416A

VERTICAL HOLLOW SHAFT MOTOR
NEMA PREMIUM EFFICIENCY
INVERTER DUTY 20:1 VT
INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE
HIGH THRUST DESIGN
THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE
NON-REVERSE BALL TYPE RATCHET
COUPLING INCLUDED



DIMENSIONS

| HP | RPM | Frame | MOUNTING DIMENSIONS | | | | | | | | | | | | | |
|----|------|-------|---------------------|-------|------|------|-------|------|------|-------|--------|-------|------|-------|----|------|
| | | | BD | AJ | AK | BF | BX | BZ | EW | R | BY | CD | E0 > | AC | AA | AF |
| 60 | 1787 | 364TP | 16.5 | 14.75 | 13.5 | 0.69 | 1-1/4 | 1.75 | 0.25 | 1.366 | 1-4/20 | 31.16 | 4.56 | 12.56 | 3 | 5.83 |

| OVERALL DIMENSIONS | | | BEARINGS | |
|--------------------|-------|----|----------|-------|
| P | AB | AG | UPPER | LOWER |
| 19.1 | 16.32 | 36 | 7224B | 6314 |

COUPLING: Motor comes with a 1.25" coupling. You may select a different size coupling at no extra charge.

BEARING LUBRICATION: The lower bearing comes lubricated with Mobil Polyrex EM Polyurea Grease.

OIL RESERVOIR: Motor is shipped without oil. The oil capacity is 1.94 quarts.

STEADY BUSHING: Motor is designed to accept a steady bushing. The bore size is 1-1/4 inches.





V2-60D4-W36416A



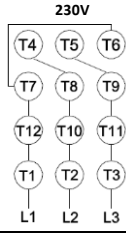
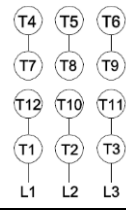




VERTICAL HOLLOW SHAFT MOTOR
NEMA PREMIUM EFFICIENCY
INVERTER DUTY 20:1 VT
INCLUDES INSULATED BEARING MOUNT - 40 HP AND ABOVE
HIGH THRUST DESIGN
THREE PHASE, OPEN DRIP PROOF (WP1) ENCLOSURE
NON-REVERSE BALL TYPE RATCHET
COUPLING INCLUDED

PERFORMANCE DATA

| HP | RPM | Frame | Voltage | Frequency (Hz) | Full Load S.F. | Insulation Class | NEMA Design | Slip (%) | NEMA Code | Enclosure Type | IP Rating | Max. Ambient | Rating CONT |
|----|------|-------|---------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|-------------|
| 60 | 1785 | 364TP | 230/460 | 60 | 1.15 | F | B | 0.81 | H | WP1 | 23 | 40° C | S1 |

| Amps (460V) | | Efficiency (%) | | | | Power Factor | | | Torque (ft-lb) | | | Down Thrust | Angular Contact Bearing | Radial Ball Bearing | Connection | Weight (lbs.) |
|-------------|-----|----------------|------|------|------|--------------|------|------|----------------|-------|-------|-------------|-------------------------|---------------------|--------------|---------------|
| FLA | LRA | 100% | 75% | 50% | Min. | 100% | 75% | 50% | FLT | LRT % | BDT % | 5600 | UPPER | LOWER | 12 Lead 2Δ/Δ | 1024 |
| 68.3 | 530 | 95.0 | 94.8 | 93.9 | 94.1 | 0.87 | 0.84 | 0.76 | 174 | 230 | 265 | | 7224B | 6314 | | |

NAME PLATE

| | | | | | | | | | | | |
|--|---------|---|------------|---|-----|---|---|---|--|--------------------------------|--|
|  VERTICAL HOLLOW SHAFT HIGH THRUST DESIGN  | | | | | | | CONNECTION DIAGRAMS | | | | |
| MODEL V2-60D4-W36416A | | | | FRAME 364TP | | |  | | | | |
| Hz | 60 | S.F. | 1.15 | ENCL | WP1 | DESIGN | | | | B | |
| HP | 60 | RPM | 1785 | INS | F | PHASE | 3 |  | | | |
| VOLTS | 230/460 | FLA | 136.6/68.3 | MAX.AMBIENT 40° C | | | | | | | |
| Enclosure | ODP | IP | 23 | RATING CONTINUOUS | | | | | | | |
| NEMA CODE | H | P.F. | 0.87 | MOTOR WEIGHT 1024 LBS. | | | | | | | |
| NOM EFF | 95.0 | MIN EFF | 94.1 | CONNECTION 12 Lead 2Δ/Δ | | | | | | | |
| DOWN THRUST | | 5600 | | BASE DIAMETER | | 16.5 INCHES | | | | | |
| UPPER BEARING | | 7224B | | LOWER BEARING | | 6314 | | | | | |
| OIL CAP. UPPER BEARING | | 1.94 QTS. | | LUBRICATION MOBIL POLYREX EM | | | | | | | |
| NON-REVERSE RATCHET - BALL TYPE | | | | SERIAL NO. | | | | | | | |
| Specifically designed for use on deep well turbine pump applications. Hernando, Mississippi | |  | |  | |  | | CC326B | | PART WIND START CAPABLE @ 230V | |
| ROTATION | |  | | | | | | | | | |
| MOTOR IS SUITABLE FOR INVERTER RATED 20:1 VT | | | | | | | | | | | |

APPLICATIONS:

Specifically designed for use on deep well turbine pump applications. The coupling is equipped with a non-reverse ratchet, which prevents motor rotation from backspin at shutdown. These motors are built to NEMA standards and have special bearing arrangements to carry heavy thrust loads.