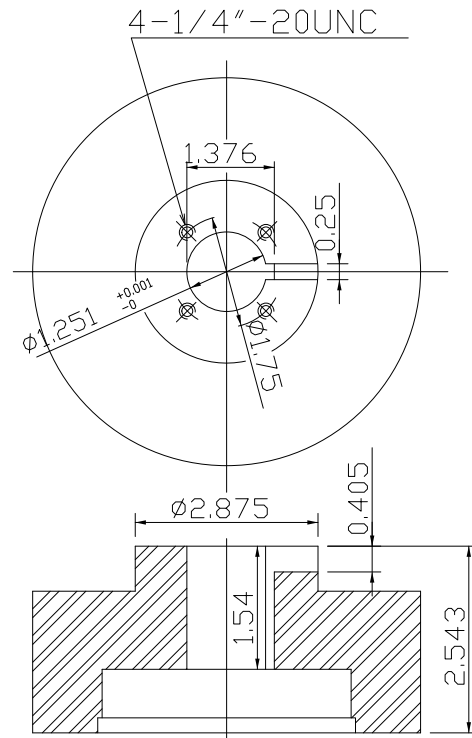
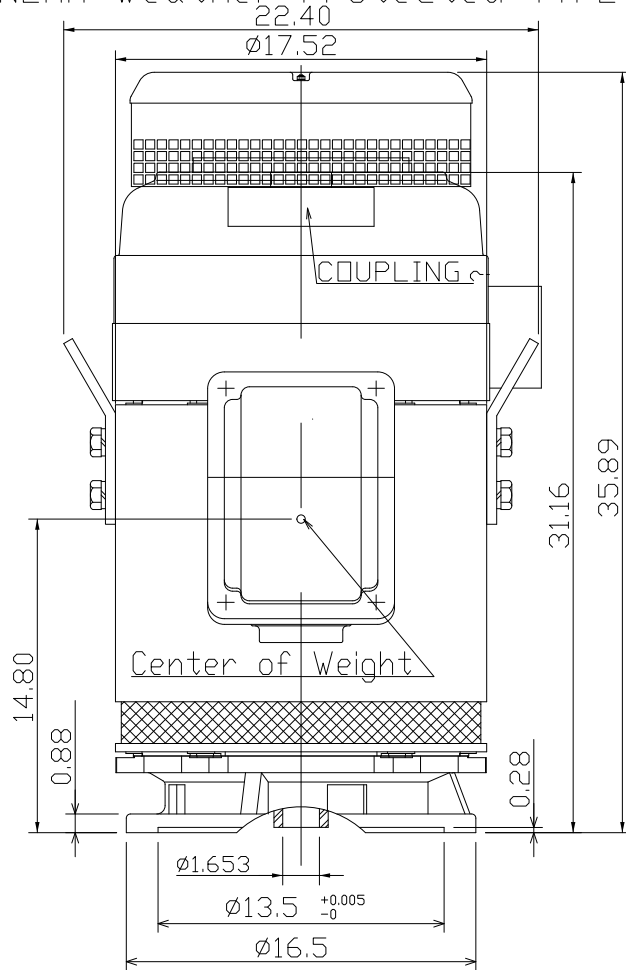


| | | |
|-----------------------|---|-----------------------|
| DATE Jan. 14, 2009 | OUTLINE DIMENSIONS 3-PHASE INDUCTION MOTOR | MOTOR TYPE: AMRCFP |
| CAT. #: VH0754FP | | FRAME NO. 365TP |

| Pole | HP | kW | Hz | VOLT | Syn.Speed r/min(rpm) |
|------|----|----|----|---------|-------------------------|
| 4 | 75 | 55 | 60 | 230/460 | 1800 |

| Ins | Rating | Dimension in | Approx Weight | Bearings |
|-----|--------|--------------|---------------|-----------------------|
| F | CONT. | inch | 915 lbs | DE: 6313C3 NDE: 7220B |

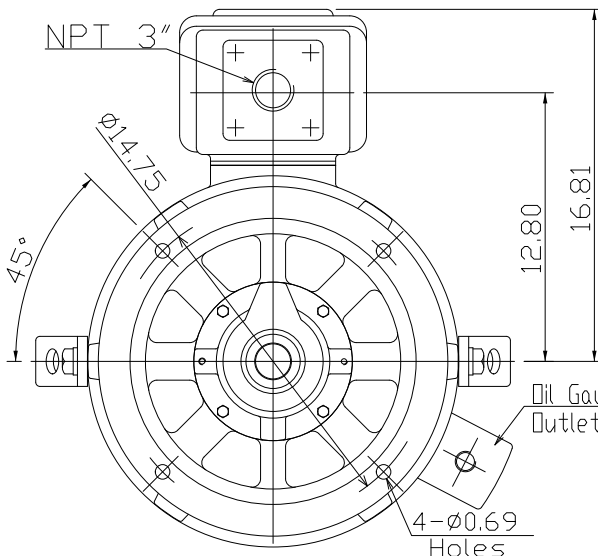
NEMA Weather Protected TYPE IKWP D.Squirrel-cage Rotor.



Coupling Dimension

Note:

1. Downthrust: 6000lbs.
L10 - 8800 hours
2. Rotation: CCW
3. With N.R.R.
4. Approx Reed
Frequencies: 68 Hz
5. Upper Bearing Oil lube:
Kind of Oil: Turbine Oil
-300SSU/100°F ISO VG68
Quantity: 0.53 Gallons



| | | |
|------------|--|--|
| ① 12.23.08 | | |
|------------|--|--|

| | | |
|-------|---------|----------|
| DWN. | ??????? | 12 12 08 |
| CHKD. | ??????? | 12 23 08 |
| APPD. | ??????? | 12 23 08 |

TEC   Westinghouse

DWG NO.
31057H810121

TECO Westinghouse

| | | |
|---------------------------|---|-----------------------------|
| ISSUED 01/07/09 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE WP1 |
| TYPE AMRCFP | | CATALOG# VH0754FP |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-----------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 75 | 55 | 4 | 365TP | 230/460 | 60 | 40°C | F | B | CONT. | 1.15 |

TYPICAL PERFORMANCE

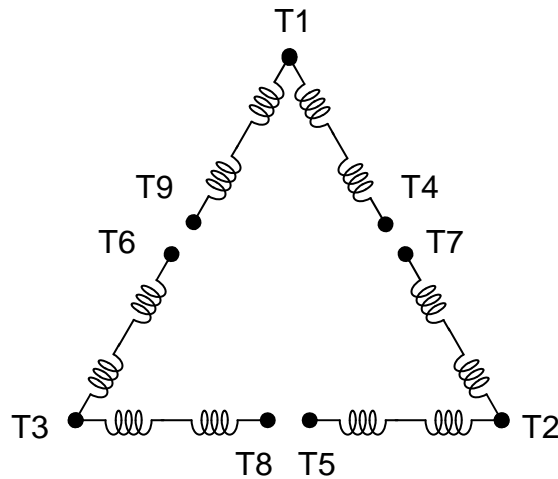
| FULL LOAD RPM | EFFICIENCY | | | | POWER FACTOR | | | MAXIMUM POWER FACTOR CORRECTION |
|---------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|---------------------------------|
| | FULL LOAD | | 3/4 LOAD % | 1/2 LOAD % | F. L. % | 3/4 LOAD % | 1/2 LOAD % | |
| | NOM. % | MIN. % | | | | | | |
| 1775 | 94.1 | 93.0 | 94.6 | 94.6 | 84.5 | 83.5 | 76.0 | 14.00 KVAR |

| CURRENTS | | | NEMA KVA CODE LETTER |
|----------------|-----------------|-----------------|----------------------|
| NO LOAD | FULL LOAD | LOCKED ROTOR | |
| 70 / 35 | 177/88.3 | 1085/543 | G |

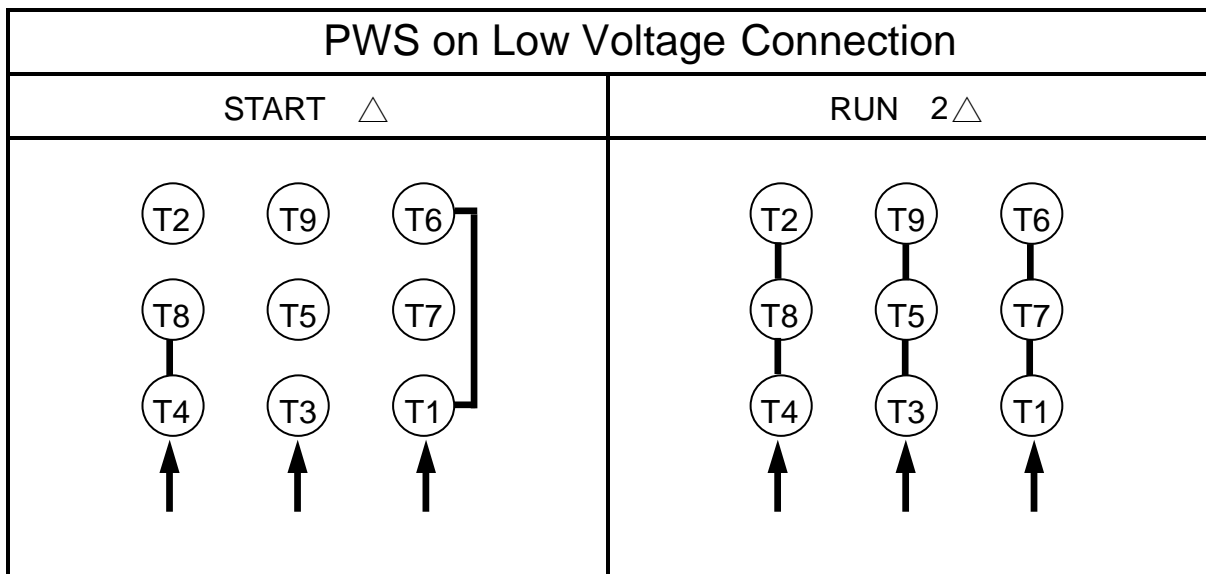
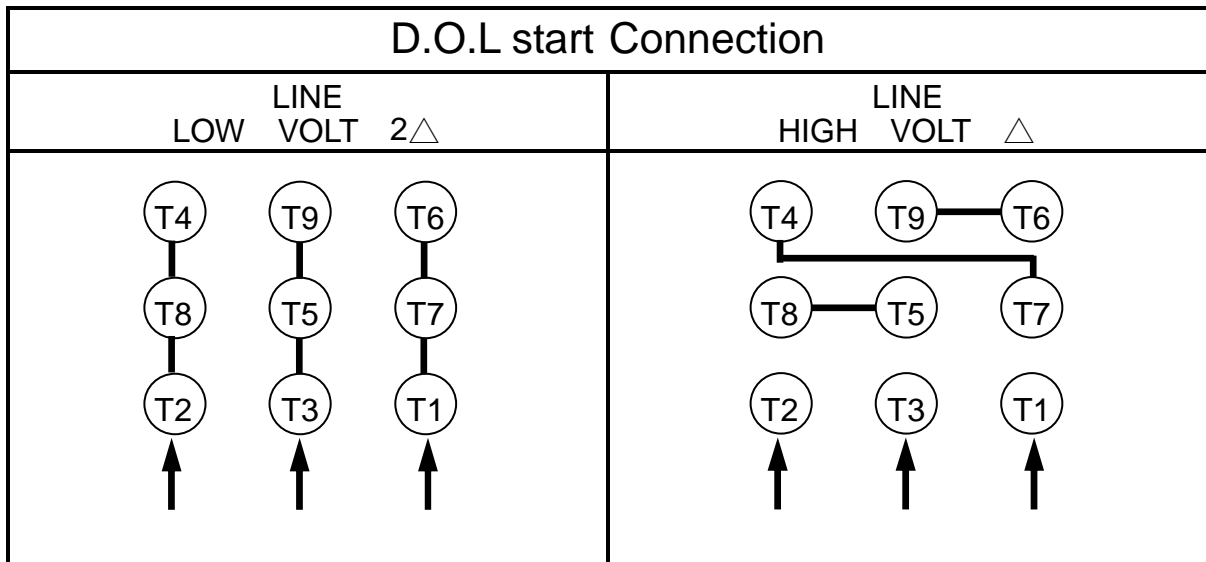
| TORQUE | | | | INERTIA | | | ACCEL TIME | |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR WR ² lb-ft ² | NEMA LOAD WK ² lb-ft ² | MAX ALLOWABLE WK ² lb-ft ² | NEMA LOAD WK ² Sec | MAX ALLOWABLE WK ² Sec |
| 221.84 | 200 | 170 | 240 | 11.739 | 338 | 1014 | 4.47 | 13.11 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 17 | 12 | 2 | 1 | |

| | | | | |
|-----------|---------------------|-------------|----------------------|-------------------|
| APPROVED: | D. BRIGGS II | DRAWING NO. | 31057VH0754FP | REVISION 0 |
|-----------|---------------------|-------------|----------------------|-------------------|



SCHEMATIC – 2 Δ / Δ CONNECTION



| | | | | |
|-------|-----------|------------|--|----------|
| APPD. | M.C.Tsai | May,05,'09 | TECO Electric & Machinery Co., Ltd. | DWG NO : |
| CHKD. | C.L.Huang | May,05,'09 | | DAC-1703 |
| DWN. | J.C.Lan | May,04,'09 | | |