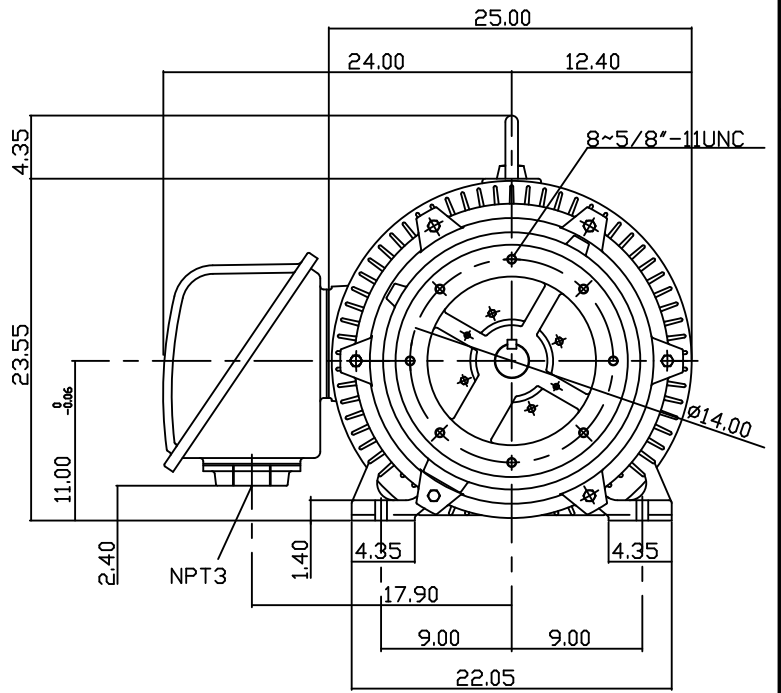
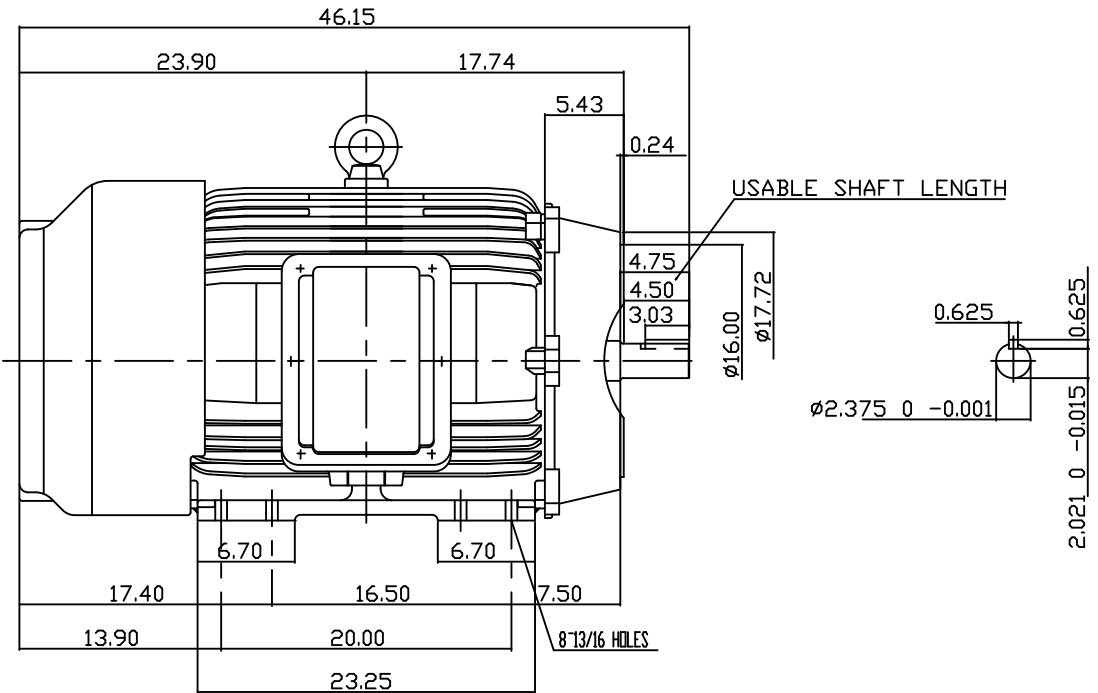


| TYPE | OUTPUT | | POLE | TIME RATING | VOLTAGE V | Hz | SYN.SPEED R.P.M |
|--------|--------|-------|------|-------------|-----------|----|-----------------|
| | HP. | kW. | | | | | |
| AEHH8P | 200 | 149.2 | 4 | CONT. | 460 | 60 | 1800 |

TOTALLY ENCLOSED FAN-COOLED TYPE. SQUIRREL-CAGE ROTOR



- NOTE:
1. DIMENSIONS IN INCH
 2. FRAME NO. 447TSC
 3. F CLASS INSULATION, S.F.1.15
 4. FOR DIRECT FLEXIBLE COUPLING
 5. ENCLOSURE: IP54
 6. BEARING SIZE: DRIVE END: 6320
NON-DRIVE END: 6316
 7. APPROX. WEIGHT: 2300 LBS

TW-56C

| | | |
|-------|---------|--------------|
| DWN. | Y.ZHU | JAN '06 2006 |
| CHKD. | H.HUANG | JAN '06 2006 |
| APPD. | C.WANG | JAN '06 2006 |

| | |
|-----------------------|-------------------------|
| DATE NOV. 30, 2010 | OUTLINE DIMENSIONS |
| CATALOG # NP2004CS | 3-PHASE INDUCTION MOTOR |
| TEC Westinghouse | |
| DWG NO. 3B040C723 | REV: 00 |

TECO Westinghouse

| | | |
|----------------------------|---|-----------------------------|
| ISSUED 8/29/2014 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE TEFC |
| TYPE AEHH8P | | CATALOG# NP2004CS |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|--------------|----------|---------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 200 | 149.2 | 4 | 447TSC | 460 | 60 | 40°C | F | B | CONT. | 1.15 |

VARIABLE FREQUENCY DRIVE SERVICE

| | | | | | | | | |
|-----------------|------------------|----------------|------------------|--|---------------|--------------|--------------|----------------|
| VARIABLE TORQUE | | | | OHMS/PHASE EQUIVALENT WYE CIRCUIT (AT RATED OPERATING TEMPERATURE 25°C) | | | | |
| HZ | HP | RPM | TORQUE (lb-ft) | R1 | R2 | X1 | X2 | X _m |
| 3~60 | 0.025~200 | 90~1800 | 1.458~588 | 0.0248 | 0.0232 | 0.219 | 0.442 | 10.3 |

| CONSTANT TORQUE | | | | CONSTANT HORSEPOWER | | | |
|-----------------|---------------|-----------------|----------------|---------------------|------------|------------------|----------------|
| HZ | HP | RPM | TORQUE (lb-ft) | HZ | HP | RPM | TORQUE (lb-ft) |
| 6~60 | 20~200 | 180~1800 | 588 | 60~90 | 200 | 1800~2700 | 588~392 |

TYPICAL PERFORMANCE

| FULL LOAD RPM | EFFICIENCY | | | | POWER FACTOR | | | SOUND PRESSURE LEVEL @ 3 FT Db(A) |
|---------------|-------------|-------------|-------------|------------|--------------|-------------|-------------|-----------------------------------|
| | FULL LOAD | | 3/4 LOAD % | 1/2 LOAD % | FULL LOAD % | 3/4 LOAD % | 1/2 LOAD % | |
| | MIN.% | NOM.% | | | | | | |
| 1786 | 95.4 | 96.2 | 95.8 | 95 | 87 | 83.5 | 78.5 | 81 |

| CURRENTS | | | | NEMA KVA CODE LETTER | SAFE STALL TIME IN SECONDS | | | |
|-------------|--|---------------|--|----------------------|----------------------------|----------|-----------|-----------|
| NO LOAD | | FULL LOAD | | | LOCKED ROTOR | | | |
| AT 460 VOLT | | AT 460 VOLT | | | AT 460 VOLT | | | |
| 46.4 | | 224.00 | | 1450 | | G | 19 | 13 |

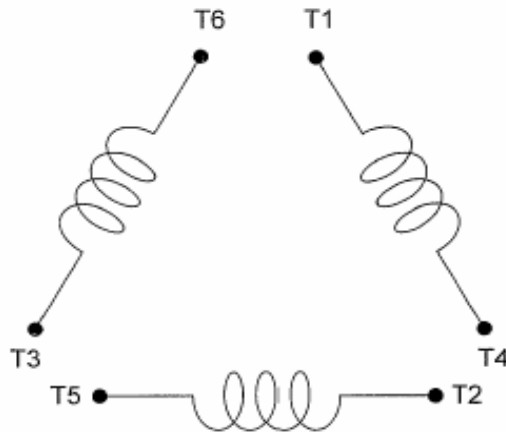
| TORQUE | | | | INERTIA | | | ACCEL TIME (DOL) | | ALLOWABLE STARTS PER HOUR | |
|-------------------|-------------------|--------------|-----------------|---|---|---|-------------------------------|-----------------------------------|---------------------------|----------|
| FULL LOAD (lb-ft) | LOCKED 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 | COLD | HOT |
| 588.00 | 120 | 95 | 210 | 73.5 | 831 | 1662 | 5.52 | 10.59 | 2 | 1 |

| | | | | | |
|-----------|------------------|-------------|----------------------|-----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057NP2004CS | REVISION: | 1 |
|-----------|------------------|-------------|----------------------|-----------|----------|

DATE:
December 6, 2010

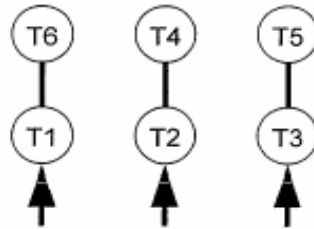
CONNECTION DIAGRAM

CATALOG NO.:
NP2004CS



SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION

***CONTACT TWMC IF YOU HAVE ANY QUESTIONS
REGARDING THE MOTOR CONNECTION.**

PH: 1-800-873-8326