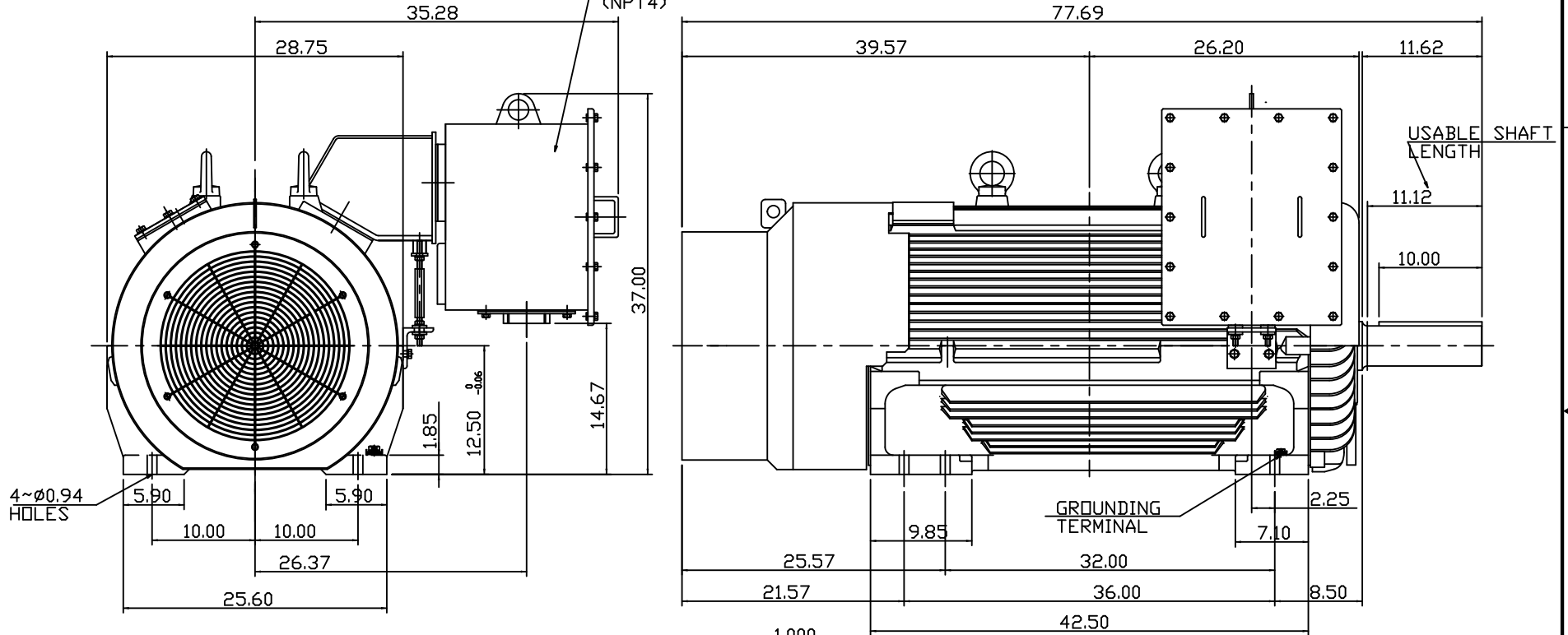


| TYPE | OUTPUT | | POLE | TIME RATING | VOLTAGE V | Hz | SYN.SPEED R.P.M |
|---------|--------|-----|------|-------------|-----------|----|-----------------|
| | HP. | kW. | | | | | |
| AEHH-8B | 450 | 336 | 4 | CONT. | 460 | 60 | 1800 |

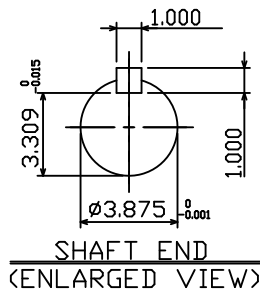
TOTALLY ENCLOSED FAN-COOLED TYPE, SQUIRREL-CAGE ROTOR

PRIMARY T-BOX
(NPT4)



NOTE:

1. DIMENSIONS IN INCH
2. FRAME NO. 5011B(5010B)
3. F CLASS INSULATION, S.F.1.15
4. FOR DIRECT FLEXIBLE COUPLING
5. ENCLOSURE: IP55
6. BEARING SIZE: DRIVE-END 6324C3
OPP. DRIVE-END 6320C3
7. BOTH ENDS BEARING ARE INPRO SEAL
8. NON-SPARKING FAN
9. MOTOR APPROX. WEIGHT: 4800 lb



| | | | |
|-----------|-----------|-------------------------|------------------|
| DATE | 3-25-2015 | OUTLINE DIMENSIONS | |
| | HB4504 | 3-PHASE INDUCTION MOTOR | |
| DWN. | J.WU | APR-14-2014 | TEC Westinghouse |
| CHKD. | W.CHENG | APR-28-2014 | |
| APPD. | C.SHIH | APR-28-2014 | |
| DWG NO. | | REV:00 | |
| 4B040C146 | | | |

TECO Westinghouse

| | | |
|---------------------------|--------------------------------|---------------------------|
| ISSUED 08/28/14 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHH8B | 3-PHASE INDUCTION MOTOR | CATALOG# HB4504 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 450 | 336 | 4 | 5011B | 460 | 60 | 50°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 % | |
| | MIN. % | NOM. % | | | | | | |
| 1786 | 95.5 | 96.2 | 95.8 | 94.0 | 90.0 | 89.0 | 84.0 | 70 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|-------------|------------|--------------|----------------------|
| 87.5 | 487 | 3250 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| | | | | | | | | |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 85 |
|-----------|-----------|----------|----------|----|
| 26 | 19 | 2 | 1 | |

APPROVED:

M. PRATER

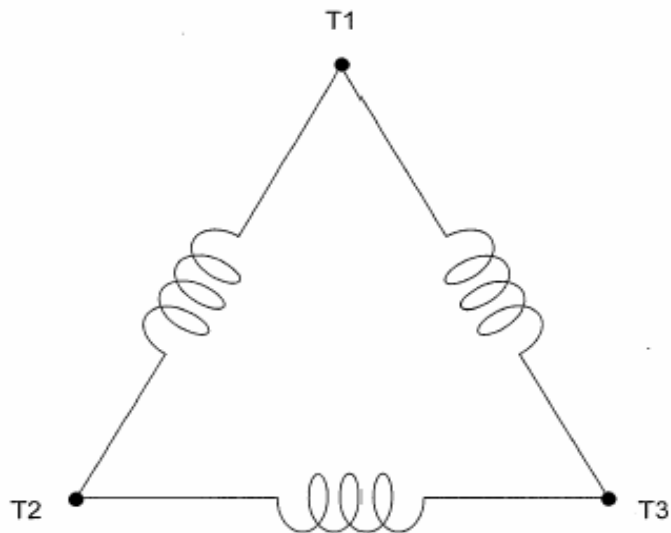
DRAWING NO.

3A057HB4504

REVISION **0**

DATE:
October 18, 2007

CONNECTION DIAGRAM



SCHEMATIC - Δ CONNECTION

ACROSS THE LINE CONNECTION



460 VOLT CONNECTION