

TECO Westinghouse

| | | |
|--------------------------------|---|-------------------------------------|
| ISSUED April 6, 2011 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHHXU | | CATALOG# XP0606 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 60 | 44.8 | 6 | 404T | 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 | |
| | MIN. % | NOM. % | | | | | | |
| 1175 | 93.6 | 94.5 | 95 | 95 | 86 | 83 | 76 | 16.4 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|--------------|--------------|--------------|---------------|---------------|--------------|---------------|---------------|---------------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 45.56 | 41.20 | 20.60 | 152.82 | 138.20 | 69.10 | 962.02 | 870.00 | 435.00 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 268.1 | 220 | 180 | 240 | 28.126 | 735 | 1363.00 | 5.17 | 9.43 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD

HOT

COLD

HOT

25

18

2

1

70

APPROVED:

M. PRATER

DRAWING NO.

31057XP0606

REVISION **0**