

TECO Westinghouse

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|--------------------------------|---|------------------------------|
| ISSUED April 7, 2011 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE TEFC |
| TYPE AEHHXU | | CATALOG# XP0032-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 3 | 2.24 | 2 | 182T | 190/380 | 50 | 40°C | F | B | CONT. | 1.00 |

TYPICAL PERFORMANCE

| FULL LOAD RPM | EFFICIENCY | | | | POWER FACTOR | | |
|---------------|-------------|-------------|-----------|-----------|--------------|-----------|-----------|
| | FULL LOAD | | 3/4 LOAD | 1/2 LOAD | F. L. | 3/4 LOAD | 1/2 LOAD |
| | MIN. % | NOM. % | % | % | % | % | % |
| 2845 | 82.5 | 85.5 | 87 | 87 | 92 | 91 | 85 |

CURRENTS

| NO LOAD | | FULL LOAD | | LOCKED ROTOR | | NEMA KVA CODE LETTER |
|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|
| AT 190 VOLTS | AT 380 VOLTS | AT 190 VOLTS | AT 380 VOLTS | AT 190 VOLTS | AT 380 VOLTS | |
| 2.20 | 1.10 | 8.65 | 4.32 | 86.00 | 43.00 | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 5.54 | 280 | 260 | 310 | 0.19 | 5.44 | 16.94 | 3.54 | 10.78 |

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:

M. PRATER

DRAWING NO.

31057XP0032-50

REVISION **0**