

TECO Westinghouse

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|--------------------------------|--------------------------------|-----------------------------|
| ISSUED June 15, 2006 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHE | 3-PHASE INDUCTION MOTOR | CATALOG# E3508-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|--------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 350 | 261.1 | 8 | 5011B | 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. % | % | % | % | % | % |
| 738 | 94 | 92.89 | 93.8 | 93 | 80 | 76 | 68 |

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 | |
| — | 140.00 | — | 527.53 | — | 2550.00 | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| | | | | | | | | |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 22 | 17 | 2 | 1 | 85 |

| | | | | |
|-----------|------------------|-------------|----------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057E3508-50 | REVISION 0 |
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