

TECO Westinghouse

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|---------------------------------|--------------------------------|-------------------------------|
| ISSUED April 13, 2006 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHH8N | 3-PHASE INDUCTION MOTOR | CATALOG# EP3006R-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|--------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 300 | 223.8 | 6 | 449T | 380 | 50 | 40°C | F | B | CONT. | 1.00 |

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. % | | | | | | |
| 983 | 94.6 | 95.4 | 95 | 93.2 | 86.3 | 84.5 | 78.8 | 94 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|---------------|---------------|----------------|----------------------|
| AT | AT | AT | |
| 380 | 380 | 380 | |
| VOLT | VOLT | VOLT | |
| 118.00 | 413.00 | 2200.00 | G |

TORQUE

INERTIA

ACCEL TIME

| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR | NEMA | MAX | NEMA | MAX |
|-----------------|-------------------|--------------|-----------------|--------------------|--------------------|--------------------|-----------------|-----------------|
| | | | | WR ² | LOAD | ALLOWABLE | LOAD | ALLOWABLE |
| | | | | lb-ft ² | WK ² | WK ² | WK ² | WK ² |
| | | | | | lb-ft ² | lb-ft ² | Sec | Sec |
| 1602 | 80 | 80 | 176 | 209 | 5058 | 10116 | 7.99 | 15.66 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | | HOT | | |
|-----------|-----------|----------|----------|--|
| 26 | 20 | 2 | 1 | |

| | | | | | |
|-----------|------------------|-------------|---------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057EP3006R | REVISION | 0 |
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