

TECO Westinghouse

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|------------------------------------|--------------------------------|------------------------------|
| ISSUED December 16, 2005 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHH | 3-PHASE INDUCTION MOTOR | CATALOG# HH0016-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|----------|------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 1 | 0.7 | 6 | 145T | 380 | 50 | 40°C | F | C | 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. % | | | | | | |
| 935 | 77 | 80 | 82.5 | 80 | 73.5 | 65.5 | 52.5 | 1 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|-------------|-------------|--------------|----------------------|
| AT | AT | AT | |
| 380 VOLT | 380 VOLT | 380 VOLT | |
| 1.13 | 1.93 | 20.00 | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 5.615 | 175 | 170 | 260 | 0.122 | 23.9315 | 112.8571429 | 6.34 | 29.80 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 50 |
|-----------|-----------|----------|----------|----|
| 60 | 42 | 2 | 1 | |

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| APPROVED: | M. PRATER | DRAWING NO. | 31057HH0016 | REVISION 0 |
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