

TECO Westinghouse

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| ISSUED <p style="text-align: center; color: red;">June 28, 2005</p> | <p style="color: red; font-size: 1.2em;">PERFORMANCE DATA</p> <p style="font-size: 1.2em;">3-PHASE INDUCTION MOTOR</p> | ENCLOSURE <p style="text-align: center; color: red;">TEFC</p> |
| TYPE <p style="text-align: center; color: red;">AEHH8N</p> | | CATALOG# <p style="text-align: center; color: red;">EP01525</p> |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 15 | 11.2 | 2 | 254T | 575 | 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. % | | | | | | |
| 3525 | 91 | 92.4 | 92.4 | 91.7 | 91.5 | 90.5 | 86 | 5 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|---------|-------------|------|-----------|--------------|------|--------------|--------------|------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| VOLT | 575 VOLT | VOLT | VOLT | 575 VOLT | VOLT | VOLT | 575 VOLT | VOLT | |
| | 2.98 | | | 13.29 | | | 92.80 | | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 22.34 | 210 | 180 | 270 | 1.088 | 16 | 41 | 3.95 | 9.73 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | | HOT | | |
|-----------|-----------|----------|----------|--|
| 17 | 12 | 2 | 1 | |

| | | | | | |
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| APPROVED: | M. PRATER | DRAWING NO. | 31057EP01525 | REVISION | 0 |
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