

TECO Westinghouse

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| ISSUED April 7, 2011 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE TEFC |
| TYPE AEHHXU | | CATALOG# XP1254R-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|--------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 125 | 93.25 | 4 | 444T | 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. % | % | % | % | % | % |
| 1480 | 93.6 | 94.6 | 94.1 | 93.3 | 84.8 | 82.8 | 75.8 |

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 | |
| 77.40 | 38.70 | 353.00 | 177.00 | 1814.00 | 907.00 | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 443.00 | 96 | 86 | 168 | 45 | 844.00 | 1266.00 | 7.27 | 10.72 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT |
|-----------|-----------|----------|----------|
| 22 | 16 | 2 | 1 |

| | | | | | |
|-----------|------------------|-------------|------------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 3A057XP1254R-50 | REVISION | 0 |
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