

TECO Westinghouse

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|---------------------------------|--------------------------------|--------------------------------|
| ISSUED March 18, 2011 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEUH8NDC | 3-PHASE INDUCTION MOTOR | CATALOG# EPV0156C-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 15 | 11.2 | 6 | 284TC | 190/380 | 50 | 40°C | F | B | CONT. | 1.0 |

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. % | | | | | | |
| 970 | 88.5 | 90.2 | 91.7 | 92.4 | 85.0 | 83.5 | 77.5 | 4.83 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|--------------|--|-------------|--------------|--|--------------|---------------|--|---------------|----------------------|
| AT | | AT | AT | | AT | AT | | AT | |
| 190 VOLT | | 380 VOLT | 190 VOLT | | 380 VOLT | 190 VOLT | | 380 VOLT | |
| 12.12 | | 6.06 | 44.40 | | 22.20 | 308.00 | | 154.00 | H |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 81.19 | 175 | 135 | 200 | 6.823 | 310.432 | 691.4285714 | 7.03 | 15.48 |

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 | |
| 29 | 20 | 2 | 1 | 64 |

| | | | | | |
|-----------|------------------|-------------|-------------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057EPV0156C-50 | REVISION | 0 |
|-----------|------------------|-------------|-------------------------|----------|----------|