

TECO Westinghouse

| | | |
|-----------------------------------|--------------------------------|-------------------------------|
| ISSUED January 19, 2009 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHH8BCF | 3-PHASE INDUCTION MOTOR | CATALOG# HB0156C-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 | 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. % | | | | | | |
| 970 | 88.5 | 90.2 | 91.7 | 92.4 | 85.0 | 83.5 | 77.5 | 5 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|-------------|--------------|---------------|----------------------|
| AT | AT | AT | |
| 380 | 380 | 380 | |
| VOLT | VOLT | VOLT | |
| 6.06 | 22.20 | 154.00 | 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 | lb-ft ² | Sec | 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. | 31057HB0156C-50 | REVISION 0 |
|-----------|------------------|-------------|------------------------|-------------------|