

TECO Westinghouse

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|-----------------------------------|--------------------------------|--------------------------------|
| ISSUED October 13, 2008 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEUH8BDC | 3-PHASE INDUCTION MOTOR | CATALOG# HBV0154C-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 15 | 11.2 | 4 | 254TC | 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. % | | | | | | |
| 1455 | 89.5 | 91 | 92.4 | 92.4 | 86.5 | 85 | 79 | 4 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|-------------|--------------|---------------|----------------------|
| AT | AT | AT | |
| 380 VOLT | 380 VOLT | 380 VOLT | |
| 5.34 | 21.60 | 154.00 | 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 |
|-----------------|-------------------|--------------|-----------------|------------------------------------------|----------------------------------------------|--------------------------------------------------|-------------------------------|-----------------------------------|
| | | | | | | | | |

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 | |
| 17 | 12 | 2 | 1 | 64 |

| | | | | |
|-----------|------------------|-------------|----------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057HBV0154C | REVISION 0 |
|-----------|------------------|-------------|----------------------|-------------------|