

TECO Westinghouse

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|--------------------------------|---|-------------------------------------|
| ISSUED April 6, 2011 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHHXU | | CATALOG# XP0036 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|----------|------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 3 | 2.2 | 6 | 213T | 230/460 | 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. % | % | % | % | % | % | |
| 1170 | 87.5 | 89.5 | 90 | 88 | 80 | 73.5 | 61 | 1.6 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|----------------------|
| AT | AT | AT | |
| 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 4.47 | 4.04 | 2.02 | 8.67 | 7.84 | 3.92 | 70.77 | 64.00 | 32.00 | K |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 13.46 | 200 | 155 | 315 | 0.836 | 44 | 288.00 | 5.25 | 33.85 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 53 |
|-----------|-----------|----------|----------|----|
| 87 | 61 | 2 | 1 | |

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|-----------|------------------|-------------|--------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057XP0036 | REVISION 0 |
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