

TECO Westinghouse

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|---------------------------------|--------------------------------|-------------------------------------|
| ISSUED April 11, 2011 | PERFORMANCE DATA | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHXXF | 3-PHASE INDUCTION MOTOR | CATALOG# XP0026C |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|----------|------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 2 | 1.5 | 6 | 184TC | 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 | 86.5 | 88.5 | 89 | 87 | 69 | 62 | 50 | 1.3 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 3.74 | 3.38 | 1.69 | 6.79 | 6.14 | 3.07 | 55.29 | 50.00 | 25.00 | L |

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 |
|-----------------|-------------------|--------------|-----------------|------------------------------------------|----------------------------------------------|--------------------------------------------------|-------------------------------|-----------------------------------|
| 8.975 | 180 | 150 | 275 | 0.423 | 30 | 185.00 | 6.01 | 36.64 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | | HOT | |
|-----------|-----------|----------|----------|
| 95 | 67 | 2 | 1 |

| | | | | | |
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| APPROVED: | M. PRATER | DRAWING NO. | 31057XP0026C | REVISION | 0 |
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