

TECO Westinghouse

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|--------------------------------|--------------------------------|--------------------------|
| ISSUED June 18, 2007 | PERFORMANCE DATA | ENCLOSURE WPI |
| TYPE ASHAPA | 3-PHASE INDUCTION MOTOR | CATALOG# P9004 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|--------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 900 | 671 | 4 | 5810B | 2300/4160 | 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. % | | | | | | |
| 1785 | 94.1 | 95 | 94.1 | 93 | 90.2 | 88.5 | 85.5 | 148 KVAR |

CURRENTS

| NO LOAD | | FULL LOAD | | LOCKED ROTOR | | NEMA KVA CODE LETTER |
|--------------|--------------|---------------|---------------|----------------|---------------|----------------------|
| AT | AT | AT | AT | AT | AT | |
| 2300 VOLT | 4160 VOLT | 2300 VOLT | 4160 VOLT | 2300 VOLT | 4160 VOLT | |
| 48.60 | 24.30 | 197.00 | 108.90 | 1315.00 | 727.00 | 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 | |
| 13 | 9 | 2 | 1 | 87 |

APPROVED:

M. PRATER

DRAWING NO.

3A057P9004

REV. **1**