

TECO Westinghouse

| | | |
|--------------------------------|--------------------------------|--------------------------|
| ISSUED June 18, 2007 | PERFORMANCE DATA | ENCLOSURE WPI |
| TYPE ASHAPA | 3-PHASE INDUCTION MOTOR | CATALOG# P1502 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|--------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 150 | 112 | 2 | 445TS | 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. % | | | | | | |
| 3550 | 90.2 | 91.7 | 91 | 89.5 | 90.2 | 87.5 | 84 | 53 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 | |
| 17.50 | 8.80 | 34.00 | 18.80 | 217.00 | 120.00 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 222.00 | 105 | 85 | 210 | 20 | 133 | 200 | 5.07 | 7.29 |

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 | |
| 15 | 11 | 2 | 1 | 89 |

APPROVED:

M. PRATER

DRAWING NO.

3A057P1502

REV. **1**