

TECO Westinghouse

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|-----------------------------------|-----------------------------|----------------------------|
| ISSUED February 8, 2013 | PERFORMANCE DATA | ENCLOSURE WP1 |
| TYPE AMRCHN | | CATALOG# VHP2004 |
| 3-PHASE INDUCTION MOTOR | | |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|--------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 200 | 149.2 | 4 | 445TP | 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. % | | | | | | |
| 1780 | 95.0 | 95.8 | 95.4 | 94.5 | 86.5 | 83.0 | 80.0 | 60.2 KVAR |

CURRENTS

| NO LOAD | | | | FULL LOAD | | | | LOCKED ROTOR | | NEMA KVA CODE LETTER |
|-------------|--|--------------|--|--------------|--|--------------|--|--------------|---------------|----------------------|
| AT 230 VOLT | | AT 460 VOLT | | AT 230 VOLT | | AT 460 VOLT | | AT 230 VOLT | AT 460 VOLT | |
| - | | 75.50 | | 450.0 | | 225.0 | | - | 1450.0 | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 587.00 | 125 | 105 | 205 | 57.00 | 831 | 1662 | 5.44 | 10.52 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

DOWNTHRUST L10:8800 HOURS

COLD
18

HOT
13

COLD
2

HOT
1

76.0

10700

| | | | | | |
|-----------|------------------|-------------|---------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057VHP2004 | REVISION | 0 |
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