

TECO Westinghouse

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| ISSUED 10/31/18 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE TEFC |
| TYPE AEEHNH | | CATALOG# VHTP1506 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 150 | 112 | 6 | 447 | 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. % | | | | | | |
| 1186 | 95.0 | 95.8 | 95.7 | 95.3 | 77.2 | 72.2 | 62.2 | 61 KVAR |

| CURRENTS | | | NEMA KVA CODE LETTER |
|-------------|------------|--------------|----------------------|
| NO LOAD | FULL LOAD | LOCKED ROTOR | |
| 76.9 | 189 | 1186 | 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 |
| 663.3 | 100 | 100 | 210 | 97.7 | 1718 | 2233 | 6.80 | 8.73 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 22 | 17 | 2 | 1 | |

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| APPROVED: | M. PRATER | DRAWING NO. | 31057VHTP1506 | REVISION 0 |
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