

TECO Westinghouse

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| ISSUED 10/31/18 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE TEFC |
| TYPE AEEHED | | CATALOG# VSTP6006 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 600 | 448 | 6 | 5810 | 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. % | | | | | | |
| 1190 | 95.0 | 95.8 | 95.7 | 95.3 | 81.7 | 76.7 | 66.7 | 141 KVAR |

| CURRENTS | | | NEMA KVA CODE LETTER |
|--------------|------------|--------------|----------------------|
| NO LOAD | FULL LOAD | LOCKED ROTOR | |
| 176.4 | 717 | 4744 | 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 |
| 2648.7 | 120 | 120 | 200 | 438 | 6027 | 7835 | 6.02 | 7.70 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 19 | 14 | 2 | 1 | |

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| APPROVED: | M. PRATER | DRAWING NO. | 31057VSTP6006 | REVISION | 01 |
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