

TECO Westinghouse

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|-----------------------------------|--------------------------------|----------------------------|
| ISSUED October 14, 2015 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEHGTK | 3-PHASE INDUCTION MOTOR | CATALOG# KG1258R |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|-----------|----------|-------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 125 | 93 | 8 | 449T | 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. % | | | | | | |
| 885 | 93.7 | 94.7 | 94.4 | 93.5 | 77.0 | 70.0 | 58.4 | 71 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 | |
| 16.1 | 9.8 | 32.1 | 17.7 | 198.0 | 109.5 | 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 | |
| 28 | 18 | 2 | 1 | 79 |

| | | | | |
|-----------|------------------|-------------|---------------------|---------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057KG1258R | REV. 0 |
|-----------|------------------|-------------|---------------------|---------------|