

TECO Westinghouse

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|---------------------------|--------------------------------|----------------------------|
| ISSUED 04/20/20 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AFHH | 3-PHASE INDUCTION MOTOR | CATALOG# EPF3508 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 350 | 261 | 8 | 5009B | 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. % | | | | | | |
| 889 | 94.2 | 95.0 | 94.8 | 94.5 | 81.2 | 78.5 | 70.2 | 144 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|------------|------------|--------------|----------------------|
| 181 | 425 | 2550 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 2070 | 100 | 90 | 200 | 263 | 7528 | 12045 | 7.24 | 11.44 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 81 |
|-------------|-------------|----------|----------|----|
| 16.1 | 13.1 | 2 | 1 | |

APPROVED:

D. Lu

DRAWING NO.

31057EPF3508

REVISION **0**