

TECO Westinghouse

| | | |
|---------------------------|--------------------------------|-------------------------------------|
| ISSUED 04/06/11 | PERFORMANCE DATA | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHHXU | 3-PHASE INDUCTION MOTOR | CATALOG# XP1504 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 150 | 112 | 4 | 445T | 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. % | % | % | % | % | % | |
| 1783 | 95 | 95.8 | 95.4 | 94.5 | 89 | 83 | 79 | 37 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|-------------|------------|--------------|----------------------|
| 46.6 | 165 | 1085 | 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 |
|-----------------|-------------------|--------------|-----------------|------------------------------------------|----------------------------------------------|--------------------------------------------------|-------------------------------|-----------------------------------|
| 441 | 120 | 96 | 210 | 51.5 | 640 | 1125 | 5.61 | 9.55 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 83 |
|-----------|-----------|----------|----------|----|
| 34 | 13 | 2 | 1 | |

APPROVED:

M. PRATER

DRAWING NO.

3A057XP1504

REVISION **0**