

TECO Westinghouse

| | | |
|------------------------------------|--------------------------------|-------------------------------------|
| ISSUED November 27, 2019 | PERFORMANCE DATA | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHHXU | 3-PHASE INDUCTION MOTOR | CATALOG# XP06025 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 60 | 44.8 | 2 | 364TS | 575 | 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. % | % | % | % | % | % | |
| 3550 | 92.4 | 93.6 | 94 | 94 | 93 | 92 | 89.5 | 0.0 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|-------------|--|--|--------------|--|--|---------------|--|--|----------------------|
| AT 575 VOLT | | | AT 575 VOLT | | | AT 575 VOLT | | | |
| 8.32 | | | 51.60 | | | 348.00 | | | |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 88.74 | 145 | 115 | 290 | 7.379 | 58 | 143.00 | 4.04 | 9.30 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | |
|-----------|-----------|----------|----------|--|
| 17 | 12 | 2 | 1 | |

| | | | | |
|-----------|------------------|-------------|---------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057XP06025 | REVISION 0 |
|-----------|------------------|-------------|---------------------|-------------------|