

TECO Westinghouse

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| ISSUED <p style="text-align: center; color: red;">April 5, 2018</p> | <p style="color: red; font-size: 1.2em;">PERFORMANCE DATA</p> <p style="color: red; font-size: 1.2em;">3-PHASE INDUCTION MOTOR</p> | ENCLOSURE <p style="text-align: center; color: red;">EXPLOSION PROOF</p> |
| TYPE <p style="text-align: center; color: red;">AEUHXF</p> | | CATALOG# <p style="text-align: center; color: red;">XPV0154C</p> |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 15 | 11.2 | 4 | 254TC | 230/460 | 60 | 40°C | F | C | 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. % | % | % | % | % | % | |
| 1765 | 91 | 92.4 | 93 | 92.4 | 88 | 85 | 77 | 4.7 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|--------------|--------------|-------------|--------------|--------------|--------------|---------------|---------------|---------------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 12.94 | 11.70 | 5.85 | 38.15 | 34.50 | 17.25 | 256.54 | 232.00 | 116.00 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 44.62 | 245 | 190 | 280 | 2.179 | 75 | 145.00 | 4.16 | 7.93 |

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 | |
| 17 | 12 | 2 | 1 | 64 |

| | | | | |
|-----------|------------------|-------------|----------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057XPV0154C | REVISION 0 |
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