

TECO Westinghouse

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| ISSUED December 31, 2013 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEVANE | 3-PHASE INDUCTION MOTOR | CATALOG# NV0204C |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 20 | 14.9 | 4 | 256TC | 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. % | | | | | | |
| 1760 | 89.5 | 91 | 92.4 | 92.4 | 88 | 85.5 | 78.5 | 5 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 | |
| 9.75 | 11.92 | 5.96 | 51.75 | 46.80 | 23.40 | 262.3 | 290.0 | 145.0 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 59.66 | 210 | 160 | 250 | 2.741 | 99 | 180 | 4.60 | 8.27 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 17 | 12 | 2 | 1 | |

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|-----------|------------------|-------------|---------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057NV0204C | REVISION 0 |
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