

TECO Westinghouse

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|-------------------------------------|--------------------------------|-------------------------------|
| ISSUED September 26, 2005 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEVANE | 3-PHASE INDUCTION MOTOR | CATALOG# NV0602C-50 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|---------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 60 | 44.8 | 2 | 364TSC | 190/380 | 50 | 40°C | F | B | CONT. | 1 |

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. % | | | | | | |
| 2930 | 91.7 | 93 | 93 | 93 | 93 | 93 | 92 | 5.2 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|--------------|--|-------------|---------------|--|--------------|----------------|--|---------------|----------------------|
| AT | | AT | AT | | AT | AT | | AT | |
| 190 VOLT | | 380 VOLT | 190 VOLT | | 380 VOLT | 190 VOLT | | 380 VOLT | |
| 13.10 | | 6.55 | 157.20 | | 78.60 | 1156.00 | | 578.00 | H |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 107.50 | 125 | 100 | 205 | 7.379 | 90.1119 | 172.86 | 5.36 | 9.92 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | |
|-----------|-----------|----------|----------|-----------|
| 26 | 18 | 2 | 1 | 94 |

| | | | | |
|-----------|------------------|-------------|-------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057N0602 | REVISION 0 |
|-----------|------------------|-------------|-------------------|-------------------|