

TECO Westinghouse

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| ISSUED May 14, 2011 | PERFORMANCE DATA | ENCLOSURE EXPLOSION PROOF |
| TYPE AEHXXF | 3-PHASE INDUCTION MOTOR | CATALOG# XP0754C |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 75 | 56.0 | 4 | 365TC | 230/460 | 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. % | | | | | | |
| 1775 | 94.5 | 95.4 | 95.5 | 95.5 | 88 | 86 | 80 | 18.3 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 | |
| 50.87 | 46.00 | 23.00 | 184.88 | 167.20 | 83.60 | 1199.76 | 1085.00 | 542.50 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 221.8 | 215 | 175 | 250 | 14.674 | 338 | 582.00 | 4.30 | 7.27 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 75 |
|-----------|-----------|----------|----------|----|
| 17 | 12 | 2 | 1 | |

| | | | | | |
|-----------|------------------|-------------|---------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057XP0754C | REVISION | 0 |
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