

TECO Westinghouse

| | | |
|-----------------------------------|--------------------------------|--------------------------|
| ISSUED October 28, 2013 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEGA | 3-PHASE INDUCTION MOTOR | CATALOG# G0022 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|----------|------------|----------|------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 2 | 1.5 | 2 | 56 | 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. % | | | | | | |
| 3445 | 77 | 81 | 82 | 81 | 86 | 79 | 67 | 1.0 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 | |
| 2.00 | 2.45 | 1.23 | 5.97 | 5.40 | 2.70 | 45.22 | 50.00 | 25.00 | L |

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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 3 | 375 | 300 | 380 | 0.061 | 2.4 | 5.8 | 2.77 | 6.53 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 64.5 |
|-----------|-----------|----------|----------|------|
| 17 | 12 | 2 | 1 | |

| | | | | |
|-----------|------------------|-------------|-------------------|-------------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057G0022 | REVISION 0 |
|-----------|------------------|-------------|-------------------|-------------------|