

# TECO Westinghouse

|                              |                                |                            |
|------------------------------|--------------------------------|----------------------------|
| ISSUED<br><b>May 5, 2016</b> | <b>PERFORMANCE DATA</b>        | ENCLOSURE<br><b>ODP</b>    |
| TYPE<br><b>AMHG</b>          | <b>3-PHASE INDUCTION MOTOR</b> | CATALOG#<br><b>PG10004</b> |

### NAMEPLATE INFORMATION

| OUTPUT      |            | POLE     | FRAME SIZE   | VOLTAGE          | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|-------------|------------|----------|--------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP          | KW         |          |              |                  |           |               |            |             |              |                |
| <b>1000</b> | <b>746</b> | <b>4</b> | <b>5810B</b> | <b>2300/4000</b> | <b>60</b> | <b>40°C</b>   | <b>F</b>   | <b>B</b>    | <b>CONT.</b> | <b>1.15</b>    |

### 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. %      |             |             |              |             |             |                                 |
| <b>1784</b>   | <b>95.0</b> | <b>95.5</b> | <b>95.0</b> | <b>93.9</b> | <b>87.9</b>  | <b>85.8</b> | <b>80.1</b> | <b>259 KVAR</b>                 |

### CURRENTS

| NO LOAD     |             | FULL LOAD    |              | LOCKED ROTOR  |              | NEMA KVA CODE LETTER |
|-------------|-------------|--------------|--------------|---------------|--------------|----------------------|
| AT          | AT          | AT           | AT           | AT            | AT           |                      |
| 2300 VOLT   | 4000 VOLT   | 2300 VOLT    | 4000 VOLT    | 2300 VOLT     | 4000 VOLT    |                      |
| <b>62.4</b> | <b>35.9</b> | <b>223.0</b> | <b>128.8</b> | <b>1581.0</b> | <b>909.1</b> | <b>G</b>             |

### TORQUE

### INERTIA

### ACCEL TIME

| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR WR <sup>2</sup> lb-ft <sup>2</sup> | NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup> | MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup> | NEMA LOAD WK <sup>2</sup> Sec | MAX ALLOWABLE WK <sup>2</sup> Sec |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
|                 |                   |              |                 |  |  |  |                               |                                   |

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      |                                   |
| <b>19</b>                  | <b>14</b> | <b>2</b>                  | <b>1</b> | <b>86</b>                         |

APPROVED:

**M. PRATER**

DRAWING NO.

**31057PG10004**

REV. **0**