

# TECO Westinghouse

|                           |                                |                            |
|---------------------------|--------------------------------|----------------------------|
| ISSUED<br><b>02/03/12</b> | <b>PERFORMANCE DATA</b>        | ENCLOSURE<br><b>TEFC</b>   |
| TYPE<br><b>AEEAGD</b>     | <b>3-PHASE INDUCTION MOTOR</b> | CATALOG#<br><b>CD3508R</b> |

### NAMEPLATE INFORMATION

| OUTPUT     |            | POLE     | FRAME SIZE   | VOLTAGE    | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|------------|------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP         | KW         |          |              |            |           |               |            |             |              |                |
| <b>350</b> | <b>261</b> | <b>8</b> | <b>5808C</b> | <b>460</b> | <b>60</b> | <b>40°C</b>   | <b>F</b>   | <b>C</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>885</b>    | <b>94</b>  | <b>94.5</b> | <b>92.4</b> | <b>91</b>  | <b>81</b>    | <b>77</b>  | <b>68.5</b> | <b>122 KVAR</b>                 |

### CURRENTS

| NO LOAD    | FULL LOAD  | LOCKED ROTOR | NEMA KVA CODE LETTER |
|------------|------------|--------------|----------------------|
| <b>153</b> | <b>428</b> | <b>2550</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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| <b>2078</b>     | <b>200</b>        | <b>160</b>   | <b>250</b>      | <b>540</b>                               | <b>7530</b>                                  | <b>18825</b>                                     | <b>5.36</b>                   | <b>12.85</b>                      |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD      | HOT       | COLD     | HOT      | 85 |
|-----------|-----------|----------|----------|----|
| <b>20</b> | <b>15</b> | <b>1</b> | <b>2</b> |    |

|           |                  |             |                     |                   |
|-----------|------------------|-------------|---------------------|-------------------|
| APPROVED: | <b>M. PRATER</b> | DRAWING NO. | <b>3A057CD3508R</b> | REVISION <b>0</b> |
|-----------|------------------|-------------|---------------------|-------------------|