

# TECO Westinghouse

|                                |                                |                              |
|--------------------------------|--------------------------------|------------------------------|
| ISSUED<br><b>April 7, 2011</b> | <b>PERFORMANCE DATA</b>        | ENCLOSURE<br><b>TEFC</b>     |
| TYPE<br><b>AEHHXU</b>          | <b>3-PHASE INDUCTION MOTOR</b> | CATALOG#<br><b>XP0056-50</b> |

### NAMEPLATE INFORMATION

| OUTPUT   |             | POLE     | FRAME SIZE  | VOLTAGE        | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP       | KW          |          |             |                |           |               |            |             |              |                |
| <b>5</b> | <b>3.73</b> | <b>6</b> | <b>215T</b> | <b>190/380</b> | <b>50</b> | <b>40°C</b>   | <b>F</b>   | <b>B</b>    | <b>CONT.</b> | <b>1.00</b>    |

### TYPICAL PERFORMANCE

| FULL LOAD RPM | EFFICIENCY |             |             |           | POWER FACTOR |           |             |
|---------------|------------|-------------|-------------|-----------|--------------|-----------|-------------|
|               | FULL LOAD  |             | 3/4 LOAD    | 1/2 LOAD  | F. L.        | 3/4 LOAD  | 1/2 LOAD    |
|               | MIN. %     | NOM. %      | %           | %         | %            | %         | %           |
| <b>955</b>    | <b>84</b>  | <b>86.5</b> | <b>87.5</b> | <b>87</b> | <b>81.5</b>  | <b>78</b> | <b>69.5</b> |

### CURRENTS

| NO LOAD      |              | FULL LOAD    |              | LOCKED ROTOR  |              | NEMA KVA CODE LETTER |
|--------------|--------------|--------------|--------------|---------------|--------------|----------------------|
| AT 190 VOLTS | AT 380 VOLTS | AT 190 VOLTS | AT 380 VOLTS | AT 190 VOLTS  | AT 380 VOLTS |                      |
| <b>6.00</b>  | <b>3.00</b>  | <b>16.08</b> | <b>8.04</b>  | <b>122.00</b> | <b>61.00</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>27.49</b>    | <b>110</b>        | <b>110</b>   | <b>205</b>      | <b>1.122</b>                             | <b>109.96</b>                                | <b>566.06</b>                                    | <b>8.04</b>                   | <b>41.05</b>                      |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD       | HOT       | COLD     | HOT      |
|------------|-----------|----------|----------|
| <b>102</b> | <b>51</b> | <b>2</b> | <b>1</b> |

APPROVED:

M. PRATER

DRAWING NO.

31057XP0056-50

REVISION **0**