

# TECO Westinghouse

|                               |                                |                               |
|-------------------------------|--------------------------------|-------------------------------|
| ISSUED<br><b>May 23, 2007</b> | <b>PERFORMANCE DATA</b>        | ENCLOSURE<br><b>ODP</b>       |
| TYPE<br><b>ASHH</b>           | <b>3-PHASE INDUCTION MOTOR</b> | CATALOG#<br><b>DHP0206-50</b> |

### NAMEPLATE INFORMATION

| OUTPUT    |             | POLE     | FRAME SIZE  | VOLTAGE        | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|-----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP        | KW          |          |             |                |           |               |            |             |              |                |
| <b>20</b> | <b>14.9</b> | <b>6</b> | <b>286T</b> | <b>190/380</b> | <b>50</b> | <b>40°C</b>   | <b>F</b>   | <b>B</b>    | <b>CONT.</b> | <b>1.0</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>965</b>    | <b>87.5</b> | <b>89.5</b> | <b>91.0</b> | <b>92.0</b> | <b>84.0</b>  | <b>82.5</b> | <b>77.0</b> | <b>6.4 KVAR</b>                 |

### CURRENTS

| NO LOAD      |  | FULL LOAD   |              |          | LOCKED ROTOR |               |  | NEMA KVA CODE LETTER |
|--------------|--|-------------|--------------|----------|--------------|---------------|--|----------------------|
| AT           |  | AT          | AT           | AT       | AT           | AT            |  |                      |
| 190 VOLT     |  | 380 VOLT    | 190 VOLT     | 380 VOLT | 190 VOLT     | 380 VOLT      |  |                      |
| <b>16.00</b> |  | <b>8.00</b> | <b>60.30</b> |          | <b>30.20</b> | <b>388.00</b> |  | <b>H</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>108.8</b>    | <b>165</b>        | <b>130</b>   | <b>180</b>      | <b>8.34</b>                              | <b>407</b>                                   | <b>662</b>                                       | <b>7.40</b>                   | <b>11.94</b>                      |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD      | HOT       | COLD     | HOT      |           |
|-----------|-----------|----------|----------|-----------|
| <b>48</b> | <b>33</b> | <b>2</b> | <b>1</b> | <b>59</b> |

|           |                  |             |                        |                   |
|-----------|------------------|-------------|------------------------|-------------------|
| APPROVED: | <b>M. PRATER</b> | DRAWING NO. | <b>31057DHP0106-50</b> | REVISION <b>0</b> |
|-----------|------------------|-------------|------------------------|-------------------|