

# TECO Westinghouse

|                               |                                |                             |
|-------------------------------|--------------------------------|-----------------------------|
| ISSUED<br><b>June 7, 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>DHP02525</b> |

### NAMEPLATE INFORMATION

| OUTPUT    |             | POLE     | FRAME SIZE  | VOLTAGE    | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|-----------|-------------|----------|-------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP        | KW          |          |             |            |           |               |            |             |              |                |
| <b>25</b> | <b>18.7</b> | <b>2</b> | <b>256T</b> | <b>575</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>3530</b>   | <b>90.2</b> | <b>91.7</b> | <b>92.4</b> | <b>92.4</b> | <b>92.0</b>  | <b>91.0</b> | <b>87.0</b> | <b>4.2 KVAR</b>                 |

### CURRENTS

| NO LOAD     |  | FULL LOAD   |              |  | LOCKED ROTOR |               |          | NEMA KVA CODE LETTER |
|-------------|--|-------------|--------------|--|--------------|---------------|----------|----------------------|
| AT 575 VOLT |  | AT 575 VOLT |              |  | AT 575 VOLT  |               |          |                      |
| <b>4.32</b> |  |             | <b>22.20</b> |  |              | <b>146.00</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>37.18</b>    | <b>220</b>        | <b>160</b>   | <b>260</b>      | <b>1.224</b>                             | <b>26</b>                                    | <b>38</b>  | <b>3.81</b>                   | <b>5.50</b>                       |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

|           |           |          |          |    |
|-----------|-----------|----------|----------|----|
| COLD      | HOT       | COLD     | HOT      | 75 |
| <b>17</b> | <b>12</b> | <b>2</b> | <b>1</b> |    |

|           |                  |             |                      |          |          |
|-----------|------------------|-------------|----------------------|----------|----------|
| APPROVED: | <b>M. PRATER</b> | DRAWING NO. | <b>31057DHP02525</b> | REVISION | <b>0</b> |
|-----------|------------------|-------------|----------------------|----------|----------|