

# TECO Westinghouse

|                            |   |                             |
|----------------------------|---|-----------------------------|
| ISSUED<br><b>8/18/2015</b> | <b>PERFORMANCE DATA</b><br><b>3-PHASE INDUCTION MOTOR</b> | ENCLOSURE<br><b>ODP</b>     |
| TYPE<br><b>ASGH-SGR</b>    |   | CATALOG#<br><b>DTP0034G</b> |

### NAMEPLATE INFORMATION

| OUTPUT   |             | POLE     | FRAME SIZE  | VOLTS          | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP       | KW          |          |             |                |           |               |            |             |              |                |
| <b>3</b> | <b>2.24</b> | <b>4</b> | <b>182T</b> | <b>230/460</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 %  | FULL LOAD %  | 3/4 LOAD %  | 1/2 LOAD %  |                                 |
|               | MIN%        | NOM%        |             |             |              |             |             |                                 |
| <b>1755</b>   | <b>87.5</b> | <b>89.5</b> | <b>89.0</b> | <b>87.0</b> | <b>73.0</b>  | <b>65.0</b> | <b>51.5</b> | <b>1.76 KVAR</b>                |

### CURRENTS

| NO LOAD     |             |             |             | FULL LOAD   |             |             |             | LOCKED ROTOR |             |             |             | NEMA KVA CODE LETTER |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|----------------------|
| AT          | AT          | AT          | AT          | AT          | AT          | AT          | AT          | AT           | AT          | AT          | AT          |                      |
| 200 VOLT    | 208 VOLT    | 230 VOLT    | 460 VOLT    | 200 VOLT    | 208 VOLT    | 230 VOLT    | 460 VOLT    | 200 VOLT     | 208 VOLT    | 230 VOLT    | 460 VOLT    |                      |
| <b>3.93</b> | <b>4.25</b> | <b>5.20</b> | <b>2.60</b> | <b>9.89</b> | <b>9.51</b> | <b>8.60</b> | <b>4.30</b> | <b>55.7</b>  | <b>57.9</b> | <b>64.0</b> | <b>32.0</b> | <b>K</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>8.98</b>     | <b>215</b>        | <b>190</b>   | <b>310</b>      | <b>0.308</b>                             | <b>17</b>                                    | <b>51</b>  | <b>4.51</b>                    | <b>13.38</b>                       |

| SAFE STALL TIME IN SECONDS |           | ALLOWABLE STARTS PER HOUR |          | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD                       | HOT       | COLD                      | HOT      |                                   |
| <b>39</b>                  | <b>27</b> | <b>2</b>                  | <b>1</b> | <b>57</b>                         |

|                  |                  |                    |                      |               |
|------------------|------------------|--------------------|----------------------|---------------|
| <b>APPROVED:</b> | <b>M. PRATER</b> | <b>DRAWING NO.</b> | <b>31057DTP0034G</b> | <b>REV. 0</b> |
|------------------|------------------|--------------------|----------------------|---------------|