

DATE  
FEBRUARY 23, 2007  
CATALOG NO.  
DHP0152G

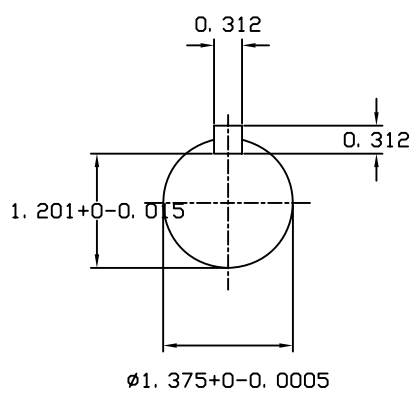
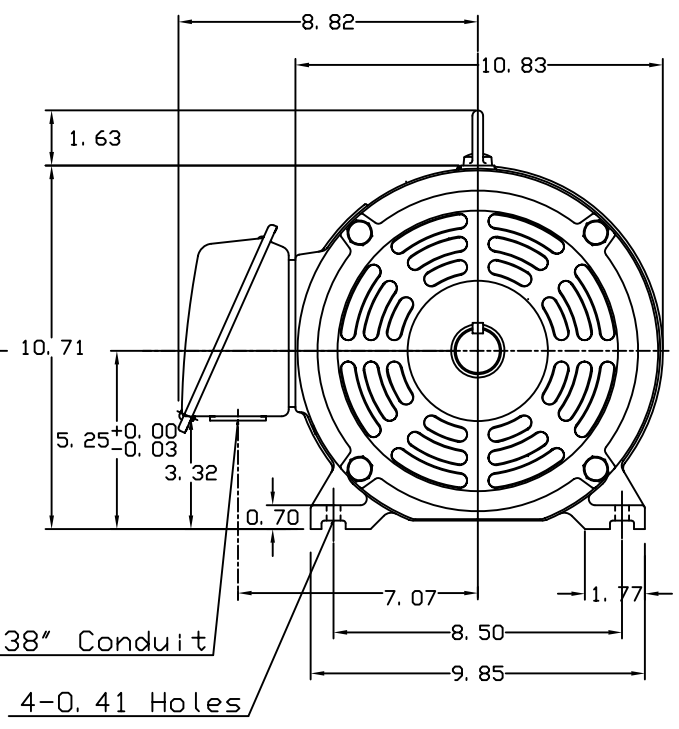
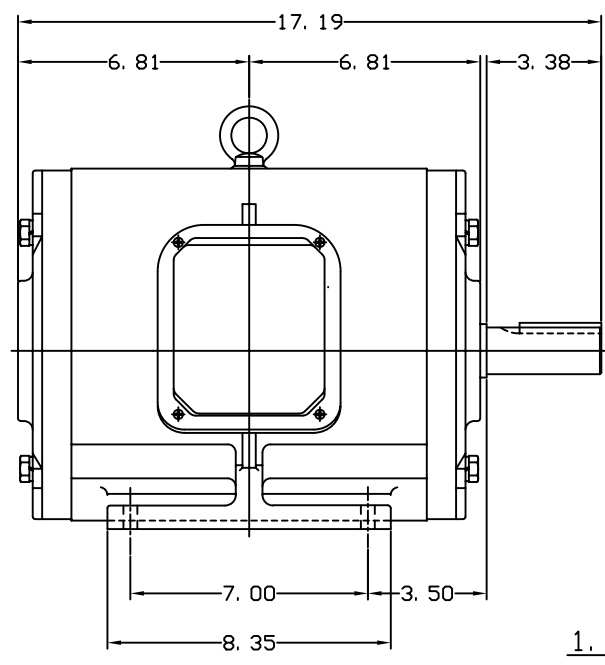
OUTLINE DIMENSIONS  
3-PHASE INDUCTION MOTOR

MOTOR TYPE:  
ASHH  
FRAME NO. 215T

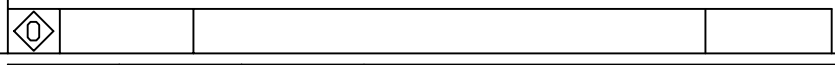
| Pole | HP | KW   | Hz | VOLT    | Syn. Speed<br>RPM |
|------|----|------|----|---------|-------------------|
| 2    | 15 | 11.2 | 60 | 230/460 | 3600              |

| Ins | Rating | Dimension in | Approx Weight | Bearings               |
|-----|--------|--------------|---------------|------------------------|
| F   | CONT.  | inch         | 185 lbs.      | DE: 6308zz NDE: 6306zz |

Open Protected Drip-Proof Squirrel Cage Rotor.



NOTES:  
1. SHAFT GROUNDING RING  
INSTALLED.



|       |             |          |
|-------|-------------|----------|
| DWN.  | J. H. LIANG | 12-22-98 |
| CHKD. | C. S. LO    | 05-20-99 |
| APPD. | Y. B. HUANG | 05-20-99 |



DWG NO.  
31057H382002

# TECO Westinghouse

|                                    |                                |                             |
|------------------------------------|--------------------------------|-----------------------------|
| ISSUED<br><b>February 19, 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>DHP0152G</b> |

### NAMEPLATE INFORMATION

| OUTPUT    |             | POLE     | FRAME SIZE  | VOLTAGE        | HZ        | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING  | SERVICE FACTOR |
|-----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP        | KW          |          |             |                |           |               |            |             |              |                |
| <b>15</b> | <b>11.2</b> | <b>2</b> | <b>215T</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  | F. L.        | 3/4 LOAD  | 1/2 LOAD    |                                 |
|               | MIN. %      | NOM. %      |           |           |              |           |             |                                 |
| <b>3500</b>   | <b>88.5</b> | <b>90.2</b> | <b>91</b> | <b>91</b> | <b>87.5</b>  | <b>85</b> | <b>78.5</b> | <b>4.3 KVAR</b>                 |

### CURRENTS

| NO LOAD      |              |             | FULL LOAD    |              |              | LOCKED ROTOR  |               |               | NEMA KVA CODE LETTER |
|--------------|--------------|-------------|--------------|--------------|--------------|---------------|---------------|---------------|----------------------|
| AT           | AT           | AT          | AT           | AT           | AT           | AT            | AT            | AT            |                      |
| 208 VOLT     | 230 VOLT     | 460 VOLT    | 208 VOLT     | 230 VOLT     | 460 VOLT     | 208 VOLT      | 230 VOLT      | 460 VOLT      |                      |
| <b>11.90</b> | <b>10.76</b> | <b>5.38</b> | <b>39.37</b> | <b>35.60</b> | <b>17.80</b> | <b>256.54</b> | <b>232.00</b> | <b>116.00</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>22.5</b>     | <b>200</b>        | <b>170</b>   | <b>260</b>      | <b>0.513</b>                             | <b>16</b>                                    | <b>18</b>  | <b>3.91</b>                   | <b>4.38</b>                       |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

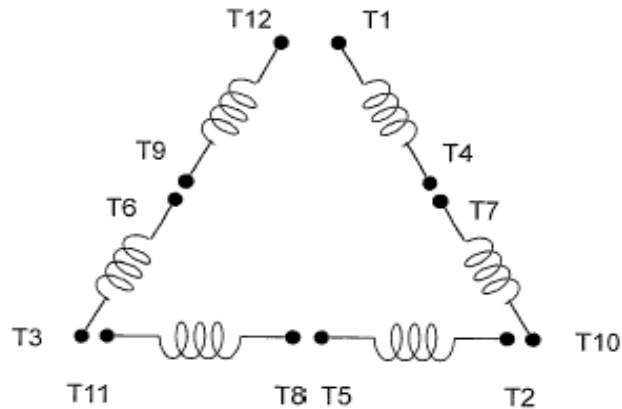
SOUND PRESSURE LEVEL @ 3 FT dB(A)

| SAFE STALL TIME IN SECONDS |           | ALLOWABLE STARTS PER HOUR |          | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD                       | HOT       | COLD                      | HOT      |                                   |
| <b>17</b>                  | <b>12</b> | <b>2</b>                  | <b>1</b> | <b>65</b>                         |

|           |                  |             |                      |                   |
|-----------|------------------|-------------|----------------------|-------------------|
| APPROVED: | <b>M. PRATER</b> | DRAWING NO. | <b>31057DHP0152G</b> | REVISION <b>0</b> |
|-----------|------------------|-------------|----------------------|-------------------|

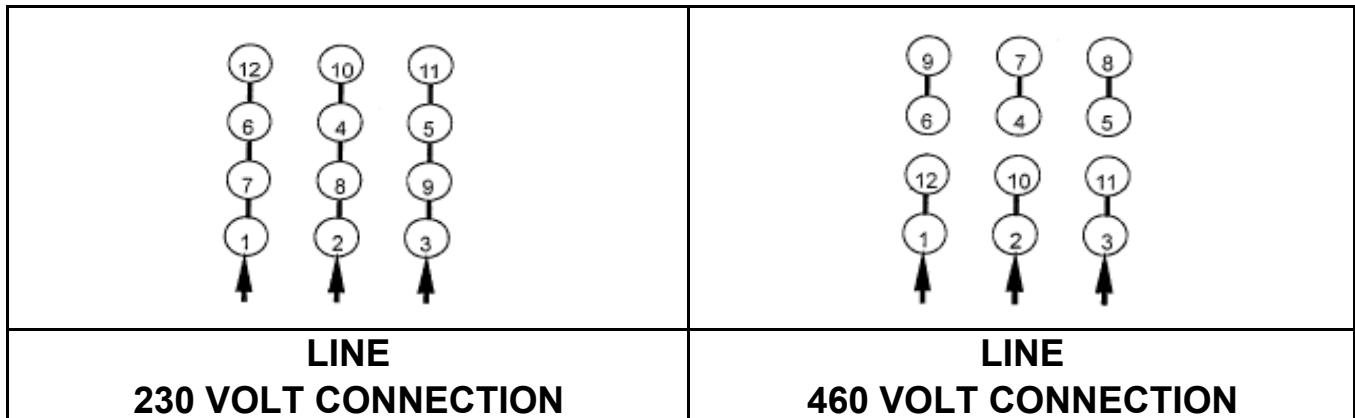
DATE:  
February 16, 2007

# CONNECTION DIAGRAM



**SCHEMATIC - Δ / Y CONNECTION**

## ACROSS THE LINE CONNECTION



## WYE START-DELTA RUN CONNECTION

