

DATE  
MAY 28, 2009  
CATALOG # DTP0252

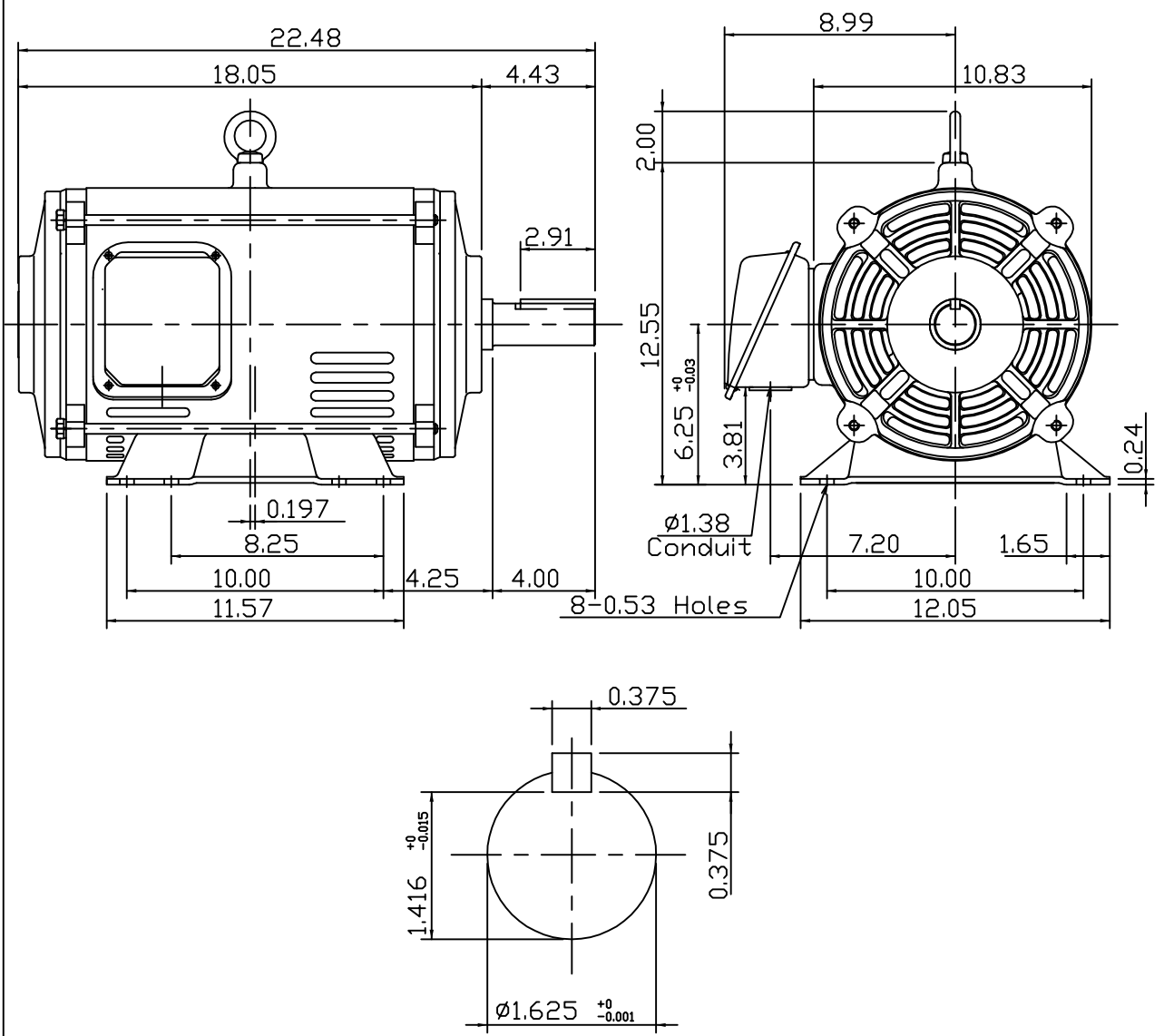
OUTLINE DIMENSIONS  
3-PHASE INDUCTION MOTOR

MOTOR TYPE:  
ASGH  
FRAME NO. 256T

Pole	HP	kW	Hz	VOLT	Syn.Speed r/min(rpm)
2	25	18.6	60	230/460	3600

Ins	Rating	Dimension in	Approx Weight	Bearings
F	CONT.	inches	229 lbs.	DE: 6309ZZC3NDE: 6208ZZC3

Open Protected Drip-Proof Squirrel-Cage Rotor.



DWN.	K.L.KUD	05-11-08
CHKD.	K.L.KUD	05-11-08
APPD.	M.C.TSAI	05-11-08



DWG NO.  
31057H739140

# TECO Westinghouse

ISSUED <b>4/7/2015</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>ODP</b>
TYPE <b>ASGH</b>		CATALOG# <b>DTP0252</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>25</b>	<b>18.65</b>	<b>2</b>	<b>256T</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>3530</b>	<b>90.2</b>	<b>91.7</b>	<b>92.0</b>	<b>92.0</b>	<b>91.0</b>	<b>90.0</b>	<b>85.0</b>	<b>4.23 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>9.5</b>	<b>10.2</b>	<b>12.5</b>	<b>6.3</b>	<b>64.5</b>	<b>62.0</b>	<b>56.1</b>	<b>28.1</b>	<b>1260.9</b>	<b>1311.3</b>	<b>1450.0</b>	<b>725.0</b>	<b>G</b>

TORQUE				INERTIA			ACCEL TIME	
FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	ROTOR WR <sup>2</sup>	NEMA LOAD WK <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup>	NEMA LOAD WK <sup>2</sup> Sec.	MAX ALLOWABLE WK <sup>2</sup> Sec.
lb-ft	%FLT	%FLT	%FLT	lb-ft <sup>2</sup>	lb-ft <sup>2</sup>	lb-ft <sup>2</sup>		
<b>37.18</b>	<b>210</b>	<b>155</b>	<b>250</b>	<b>1.213</b>	<b>26</b>	<b>78</b>	<b>3.96</b>	<b>11.54</b>

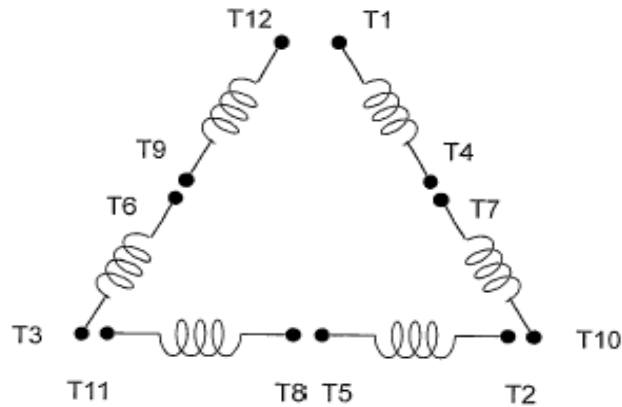
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>17</b>	<b>12</b>	<b>2</b>	<b>1</b>	<b>71</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057DTP0252</b>	REV. <b>0</b>
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DATE:  
June 14, 2012

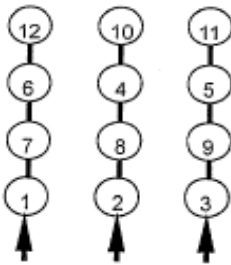
# CONNECTION DIAGRAM

DTP0252

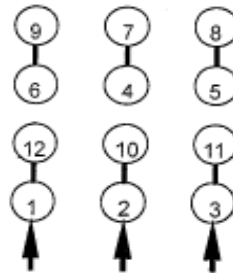


**SCHEMATIC - Δ / Y CONNECTION**

## ACROSS THE LINE CONNECTION

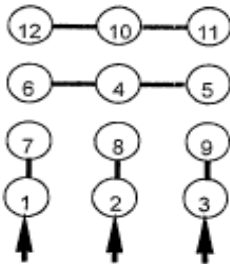


**LINE**  
**230 VOLT CONNECTION**

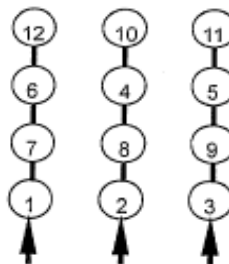


**LINE**  
**460 VOLT CONNECTION**

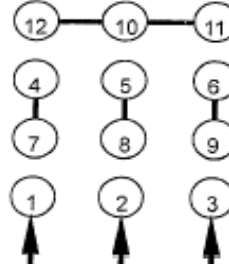
## WYE START-DELTA RUN CONNECTION



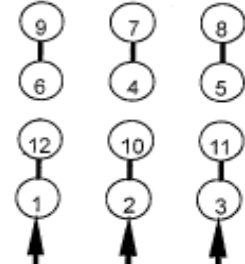
**LINE**  
**230 VOLT START**



**LINE**  
**230 VOLT RUN**



**LINE**  
**460 VOLT START**



**LINE**  
**460 VOLT RUN**