

DATE
October 28, 2016

CATALOG NO.
DJMP0024

OUTLINE DIMENSIONS

3-PHASE INDUCTION MOTOR

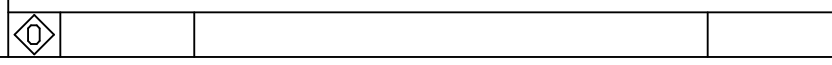
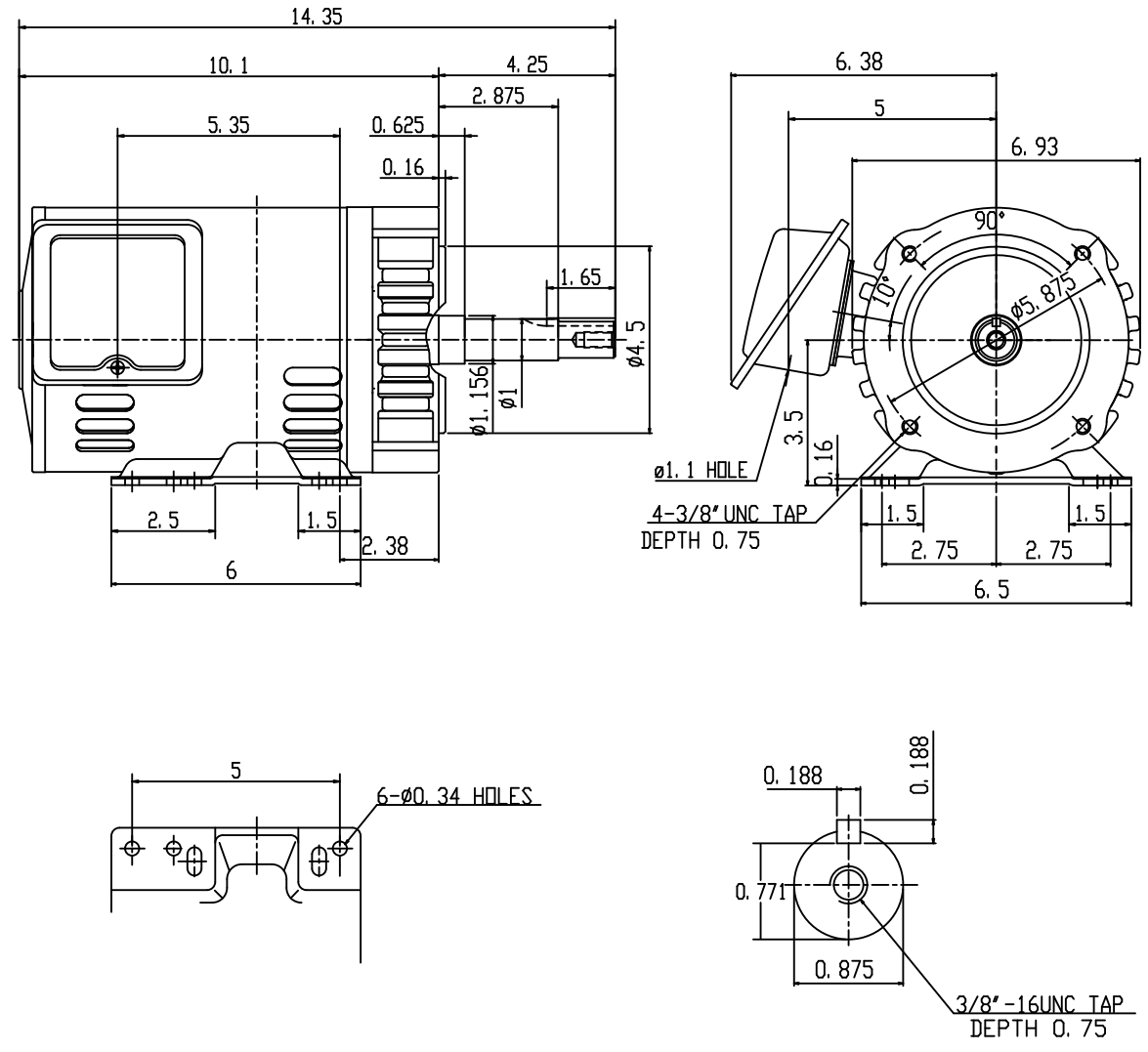
MODEL TYPE:
ASGHJM

FRAME NO. 145JM

Pole	HP	kW	Hz	VOLT	Syn. Speed r/min(rpm)
4	2	1.5	60	230/460	1800

Ins	Rating	Dimension in	Approx Weight	Bearings
F	CONT.	inches	45.6 lbs.	DE: 6206ZZ NDE: 6204ZZ

Open Protected Drip-Proof Squirrel Cage Rotor.



DWN.	J. T. HWANG	04-11-03
CHKD.	J. S. JEAN	04-11-03
APPD.	Y. B. HUANG	04-11-03



DWG NO.
31049Z105973

TECO Westinghouse

ISSUED 10/28/2016	PERFORMANCE DATA	ENCLOSURE ODP
TYPE ASGHJM	3-PHASE INDUCTION MOTOR	CATALOG# DJMP0024

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
2	1.49	4	145T	230/460	60	40°C	F	B	CONT.	1.15

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%						
1740	84.0	86.5	86.0	84.0	79.0	71.0	58.0	0.96 KVAR

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	
2.27	2.45	3.00	1.50	6.30	6.06	5.48	2.74	43.5	45.2	50.0	25.0	L

TORQUE

INERTIA

ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR ² lb-ft ²	NEMA LOAD WK ² lb-ft ²	MAX ALLOWABLE WK ² lb-ft ²	NEMA LOAD WK ² Sec.	MAX ALLOWABLE WK ² Sec.
6.04	390	310	390	0.143	11	33	3.05	9.07

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
21	15	2	1	55

APPROVED:	M. PRATER	DRAWING NO.	31057DJMP0024	REV. 0
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DATE:
June 17, 2005

CONNECTION DIAGRAM

CATALOG NO.:
DJMP0024



SCHEMATIC - 2Y/Y CONNECTION

ACROSS THE LINE CONNECTION



**LINE
230 VOLT CONNECTION**



**LINE
460 VOLT CONNECTION**