

TECO Westinghouse

ISSUED 4/7/2015	PERFORMANCE DATA	ENCLOSURE ODP
TYPE ASGH	3-PHASE INDUCTION MOTOR	CATALOG# DTP0206

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
20	14.92	6	286T	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%						
1175	91.7	93.0	94.0	93.5	81.5	77.5	67.0	6.43 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	
14.4	15.5	19.0	9.5	57.2	55.0	49.7	24.9	252.2	262.3	290.0	145.0	G

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.
89.37	225	175	225	8.309	262	786	5.65	16.61

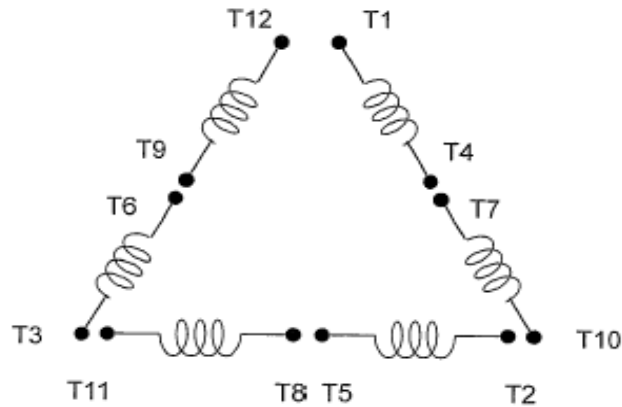
SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
24	17	2	1	64

APPROVED:	M. PRATER	DRAWING NO.	31057DTP0206	REV. 0
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DATE:
June 14, 2012

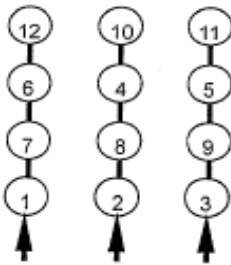
CONNECTION DIAGRAM

DTP0206

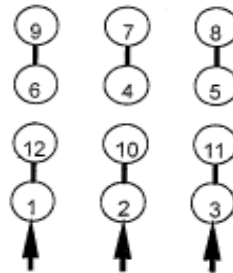


SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION

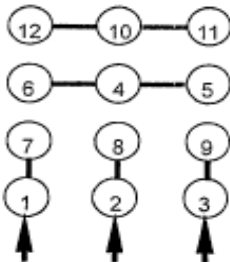


LINE
230 VOLT CONNECTION

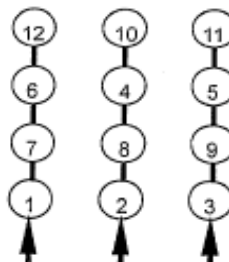


LINE
460 VOLT CONNECTION

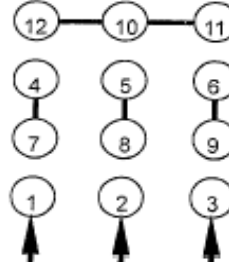
WYE START-DELTA RUN CONNECTION



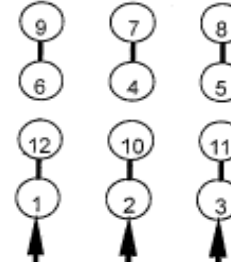
LINE
230 VOLT START



LINE
230 VOLT RUN



LINE
460 VOLT START



LINE
460 VOLT RUN