

TECO Westinghouse

ISSUED 6/5/2015	PERFORMANCE DATA 3-PHASE INDUCTION MOTOR	ENCLOSURE ODP
TYPE ASGH		CATALOG# DTP7/54

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTS	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
7.5	5.60	4	213T	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%	%	%				
1755	89.5	91.0	91.5	91.0	81.0	76.0	64.5	2.81 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	
6.28	6.79	8.30	4.15	21.97	21.12	19.10	9.55	110.4	114.9	127.0	63.5	H

TORQUE

INERTIA

ACCEL TIME

FULL LOAD	LOCKED ROTOR	PULL UP	BREAK DOWN	ROTOR	NEMA	MAX	NEMA	MAX
lb-ft	%FLT	%FLT	%FLT	WR ²	LOAD	ALLOWABLE	LOAD	ALLOWABLE
				lb-ft ²	WK ²	WK ²	WK ²	WK ²
					lb-ft ²	lb-ft ²	Sec.	Sec.
22.40	220	175	260	0.667	39	117	4.59	13.61

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

APPROVED:	M. PRATER	DRAWING NO.	31057DTP7/54	REV. 0
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