

TECO Westinghouse

ISSUED October 10, 2019	PERFORMANCE DATA	ENCLOSURE TEFC
TYPE AESV3W	3-PHASE INDUCTION MOTOR	CATALOG# MP0152

NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
15	11.2	2	160M	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 %	F. L. %	3/4 LOAD %	1/2 LOAD %	
	MIN. %	NOM. %						
3530	89.7	91.0	91.0	90.2	92.5	91.0	87.5	3.0 KVAR

CURRENTS

NO LOAD		FULL LOAD		LOCKED ROTOR		NEMA KVA CODE LETTER
AT	AT	AT	AT	AT	AT	
230 VOLT	460 VOLT	230 VOLT	460 VOLT	230 VOLT	460 VOLT	
7.4	3.7	32.8	16.4	260	130	H

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
29.8	255	195	300	0.154	14.1	35.8	2.2	5.5

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
21	10	2	1	

APPROVED:	K. Lo	DRAWING NO.	31057MP0152	REVISION 0
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