

# TECO Westinghouse

ISSUED <b>October 10, 2019</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AESV3W</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>MP7/54</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>7.5</b>	<b>5.6</b>	<b>4</b>	<b>132S</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 %	F. L. %	3/4 LOAD %	1/2 LOAD %	
	MIN. %	NOM. %						
<b>1755</b>	<b>90.2</b>	<b>91.7</b>	<b>92.1</b>	<b>91.8</b>	<b>85.0</b>	<b>80.5</b>	<b>71.0</b>	<b>3.1 KVAR</b>

### 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	
<b>7.7</b>	<b>3.8</b>	<b>17.7</b>	<b>8.9</b>	<b>142</b>	<b>71</b>	<b>J</b>

### TORQUE

### INERTIA

### ACCEL TIME

FULL LOAD lb-ft	LOCKED ROTOR %FLT	PULL UP %FLT	BREAK DOWN %FLT	ROTOR WR <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> lb-ft <sup>2</sup>	MAX ALLOWABLE WK <sup>2</sup> lb-ft <sup>2</sup>	NEMA LOAD WK <sup>2</sup> Sec	MAX ALLOWABLE WK <sup>2</sup> Sec
<b>22.4</b>	<b>260</b>	<b>220</b>	<b>330</b>	<b>3.132</b>	<b>39.2</b>	<b>75.0</b>	<b>4.0</b>	<b>7.4</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>31</b>	<b>16</b>	<b>2</b>	<b>1</b>	

APPROVED:	<b>K. Lo</b>	DRAWING NO.	<b>31057MP7/54</b>	REVISION <b>0</b>
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