

# TECO Westinghouse

ISSUED <b>03/21/13</b>	<b>PERFORMANCE DATA</b>	ENCLOSURE <b>TEFC</b>
TYPE <b>AEHHXU</b>	<b>3-PHASE INDUCTION MOTOR</b>	CATALOG# <b>XP0018</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>1</b>	<b>0.75</b>	<b>8</b>	<b>182T</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>860</b>	<b>74</b>	<b>77</b>	<b>75.5</b>	<b>70</b>	<b>58.5</b>	<b>49.5</b>	<b>38</b>	<b>1 KVAR</b>

CURRENTS			NEMA KVA CODE LETTER
NO LOAD	FULL LOAD	LOCKED ROTOR	
<b>230/460</b>	<b>230/460</b>	<b>230/460</b>	
<b>3.3/1.65</b>	<b>4.16/2.08</b>	<b>30/15</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>6.105</b>	<b>200</b>	<b>130</b>	<b>260</b>	<b>0.239</b>	<b>31</b>	<b>132</b>	<b>6.70</b>	<b>28.35</b>

SAFE STALL TIME IN SECONDS		ALLOWABLE STARTS PER HOUR		SOUND PRESSURE LEVEL @ 3 FT dB(A)
COLD	HOT	COLD	HOT	
<b>82</b>	<b>57</b>	<b>2</b>	<b>1</b>	<b>50</b>

APPROVED:	<b>M. PRATER</b>	DRAWING NO.	<b>31057XP0018</b>	REVISION <b>0</b>
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