

# TECO Westinghouse

ISSUED <b>12/16/21</b>	<b>PERFORMANCE DATA</b> <b>3-PHASE INDUCTION MOTOR</b>	ENCLOSURE <b>WPI</b>
TYPE <b>AMRCNH</b>		CATALOG# <b>VHP1006</b>

### NAMEPLATE INFORMATION

OUTPUT		POLE	FRAME SIZE	VOLTAGE	HZ	RATED AMBIENT	INS. CLASS	NEMA DESIGN	TIME RATING	SERVICE FACTOR
HP	KW									
<b>100</b>	<b>75</b>	<b>6</b>	<b>444</b>	<b>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>1181</b>	<b>94.1</b>	<b>95.0</b>	<b>94.5</b>	<b>93.3</b>	<b>82.0</b>	<b>78.9</b>	<b>75.0</b>	<b>36 KVAR</b>

### CURRENTS

NO LOAD	FULL LOAD	LOCKED ROTOR	NEMA KVA CODE LETTER
<b>44.7</b>	<b>120</b>	<b>725</b>	<b>G</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>445</b>	<b>120</b>	<b>108</b>	<b>210</b>	<b>47</b>	<b>1181</b>	<b>1653.4</b>	<b>6.55</b>	<b>9.06</b>

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

COLD	HOT	COLD	HOT	
<b>16.5</b>	<b>13.5</b>	<b>2</b>	<b>1</b>	

APPROVED:

E.NARVAEZ

DRAWING NO.

31057VHP1006

REVISION **00**