



## 60HZ TECHNICAL DATA SHEET

CATALOG No: **287E215WC-00**

ISSUED: 17-Jul-19

### GENERAL INFORMATION

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
30	22.00	4	1800	180LJ	460 V	60	3	IP55

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.15	Continuous	-	-15 to 40 C*	<3300 ft

### TYPICAL PERFORMANCE

Efficiency (%)			Power Factor (%)		
Full Load	3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
91.6	92.1	91.6	0.86	0.83	0.71

LRT%	BDT %	Full Load Amps	Locked Rotor Amps	Full Load RPM
		460 V	460 V	
250	290	35.65	308.00	-

NEMA KVA Code	Bearing Size		Oil Seal		Sound Level
	Drive End	Non-Drive End	Drive End	Non-Drive End	dB(A)
-	-	-	-	-	-

\*Weights shown are estimated and based on standard foot mounted motor designs

### VFD DUTY INFORMATION

	Variable Torque	Constant Torque	Rating
-	-	-	ATEX EEx nA Zone 2, Group II T3 Non-Sparking
-	-	-	

**Click Link Below For Drawing**

[Drawing Not Available](#)

**Click Link Below For Connection Diagram**

[Connection Diagram Not Available. Please Call 1-800-MOTORS-9](#)

Notes:



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ISSUED: 17-Jul-19

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
30	22.00	4	1500	180LJ	400 V	50	3	IP55

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.00	S1	-	-15 to 40 C°	<3300 ft

**TYPICAL PERFORMANCE**

Efficiency (%)			Power Factor (%)		
Full Load	3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
0.0	0.0	0.0	0.00	0.00	0.00

LRT %	BDT %	Full Load Amps		Locked Rotor Amps		Full Load RPM
		400 V		400 V		
250	290	41.00		308.00		1470

NEMA KVA Code	Bearing Size		Oil Seal		Sound Level
	Drive End	Non-Drive End	Drive End	Non-Drive End	dB(A)
-	-	-	-	-	-

\*Weights shown are estimated and based on standard foot mounted motor designs

**VFD DUTY INFORMATION**

	Variable Torque	Constant Torque	Rating
-	-	-	ATEX EEx nA Zone 2, Group II T3 Non-Sparking
-	-	-	

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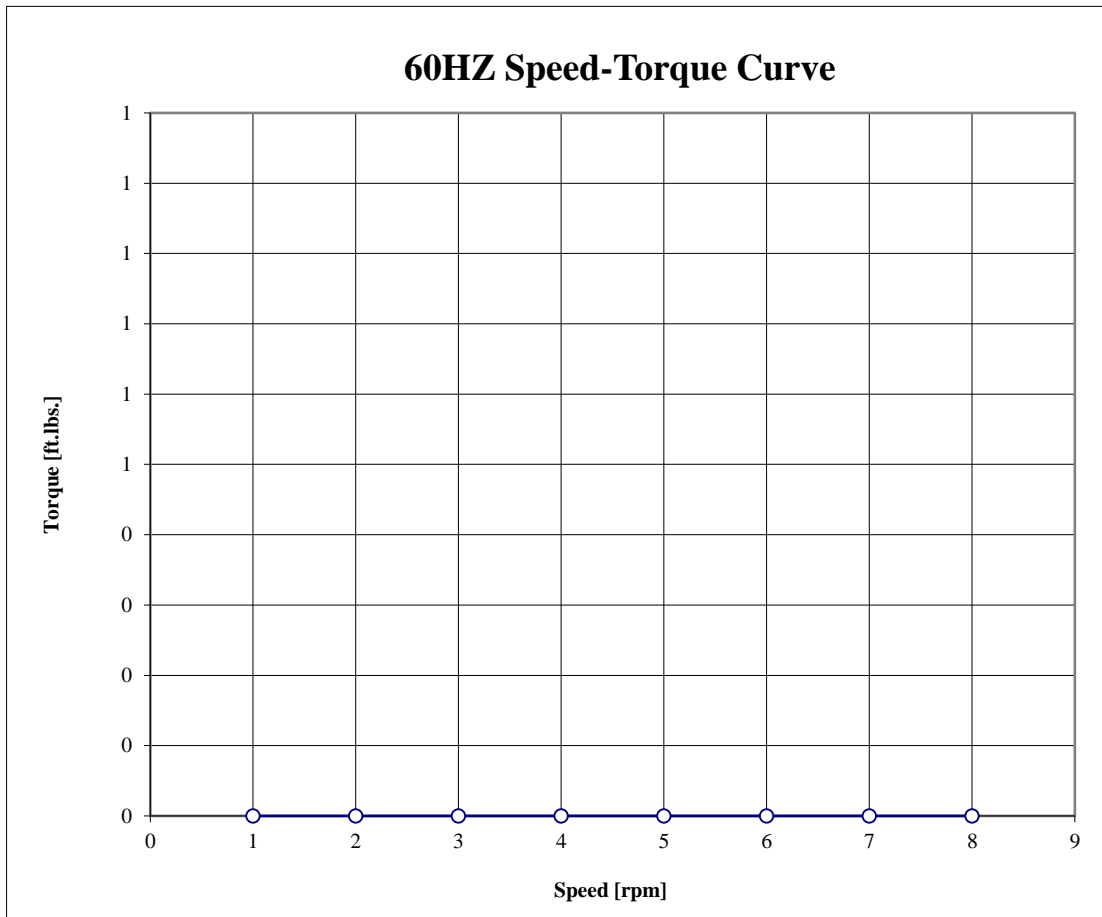
Notes:

**60HZ Speed-Torque Curve not available for this motor**

**Motor: 287E215WC-00**

	<b>Frame:</b>	180LJ	30 HP	460 V	
	<b>Pole no.:</b>	4	- ft.lbs.	50 Hz	- rpm

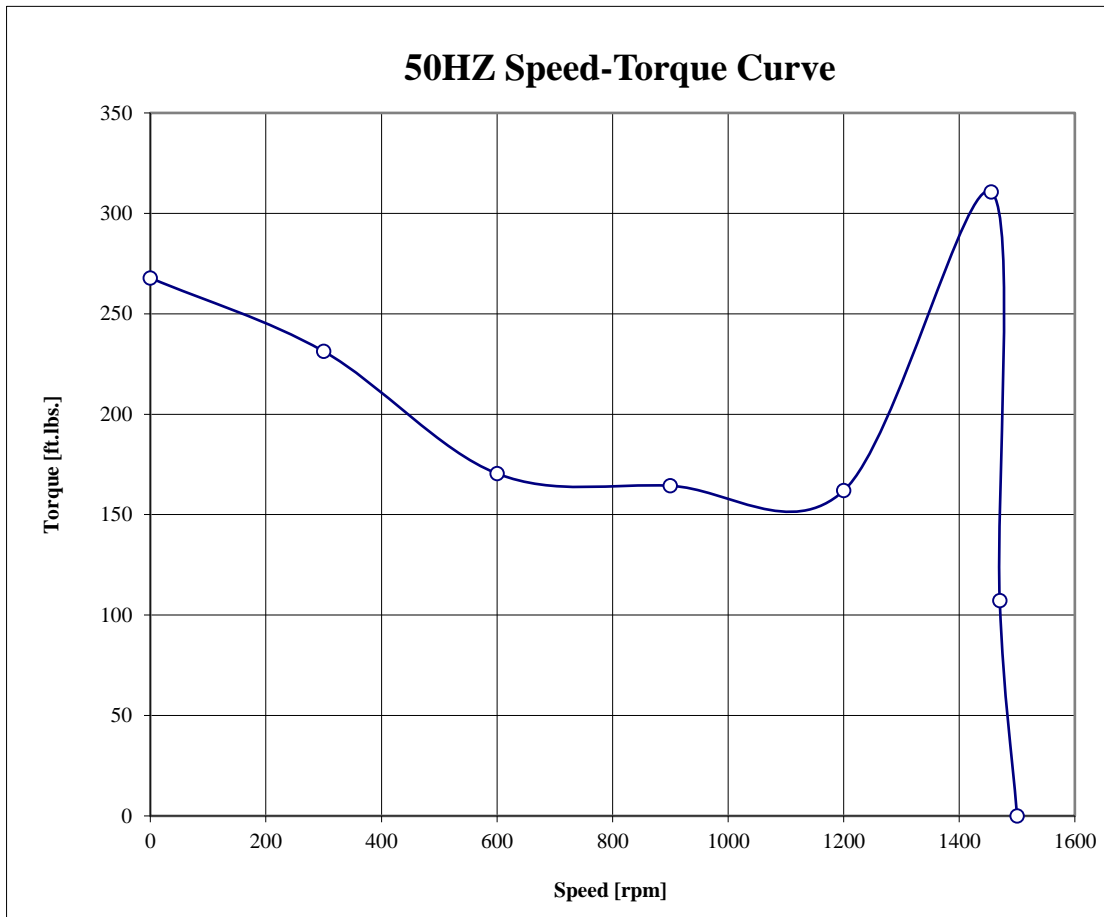
<b>Speed</b>	0	300	600	900	1200	1455	-	1500
<b>Speed ratios</b>	0	0.2	0.4	0.6	0.8	0.97	-	1
<b>Mot. torque ratios</b>	2.5	2.2	1.6	1.5	1.5	2.9	1	0
<b>Motor torque / ft.lbs.</b>	-	-	-	-	-	-	-	-



\*Curve base on calculated values

<b>Motor: 287E215WC-00</b>				
	<b>Frame:</b>	180LJ	30 HP	400 V
	<b>Pole no.:</b>	4	107.1 ft.lbs.	50 Hz
				1470 rpm

<b>Speed</b>	0	300	600	900	1200	1455	1470	1500
<b>Speed ratios</b>	0	0.2	0.4	0.6	0.8	0.97	0.980	1
<b>Mot. torque ratios</b>	2.5	2.2	1.6	1.5	1.5	2.9	1	0
<b>Motor torque / ft.lbs.</b>	268	231	170	164	162	311	107	0



\*Curve base on calculated values

