



## 60HZ TECHNICAL DATA SHEET

CATALOG No: **PA2N015-3SC**

ISSUED: 28-Apr-22

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
15	-	2	3600	215TC	416 V	60	3	IP55

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.15	Continuous	A	-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
91.0	91.6	90.4	0.88	0.89	0.82

LRT%	BDT %	Full Load Amps	Locked Rotor Amps	Full Load RPM
		416 V	416 V	
350	320	19.14	172.26	3540

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

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

**VFD DUTY INFORMATION**

	Variable Torque	Constant Torque	Rating
-	3 - 60 Hz	4 - 60 Hz	CSA Approved Class I; Div 2; Groups A, B, C, & D, T3
-	-	-	

**Click Link Below For Drawing**

<http://brookcrompton.com/Drawings/PA-PC-TA-TC/NEMA/Flange/NEMA215KTC.pdf>

**Click Link Below For Connection Diagram**

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

Notes:

CATALOG No: **PA2N015-3SC**

ISSUED: 28-Apr-22

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
15	-	2	3000	215TC	400 V	50	3	IP55

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	-	S1	A	-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
-	-	-	-	-	-

LRT %	BDT %	Full Load Amps	Locked Rotor Amps	Full Load RPM
		400 V	400 V	
350	320	-	-	0

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

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

**VFD DUTY INFORMATION**

	Variable Torque	Constant Torque	Rating
-	3 - 60 Hz	4 - 60 Hz	CSA Approved Class I; Div 2; Groups A, B, C, & D, T3
-	-	-	

**Click Link Below For Drawing**

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**Click Link Below For Connection Diagram**

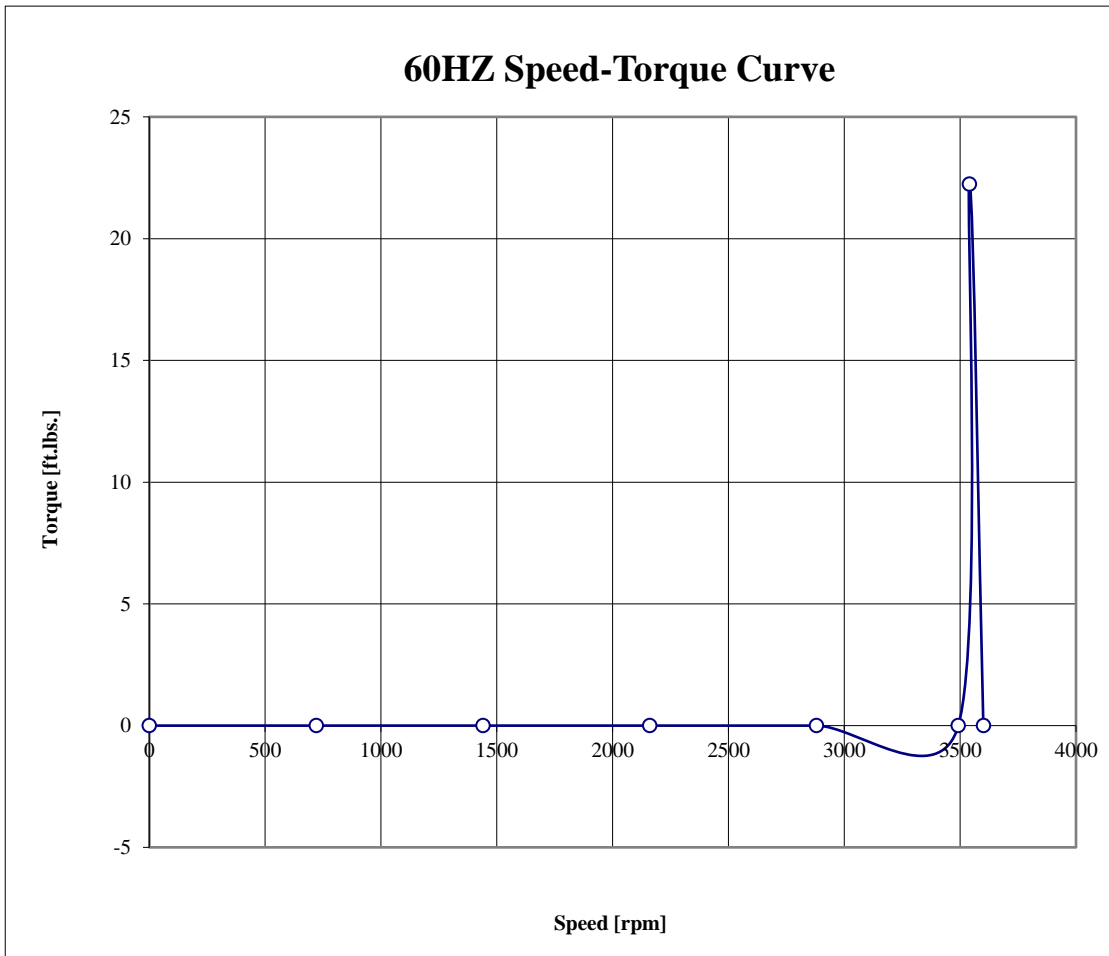
[Connection Diagram Not Available. Please Call 1-800-MOTORS-9](#)

Notes:

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

				<b>Motor: PA2N015-3SC</b>	
	<b>Frame:</b>	215TC	15 HP	416 V	
	<b>Pole no.:</b>	2	22.2 ft.lbs.	60 Hz	3540 rpm

<b>Speed</b>	0	720	1440	2160	2880	3492	3540	3600
<b>Speed ratios</b>	0	0.2	0.4	0.6	0.8	0.97	0.983	1
<b>Mot. torque ratios</b>	-	-	-	-	-	-	1	0
<b>Motor torque / ft.lbs.</b>	-	-	-	-	-	-	22	0

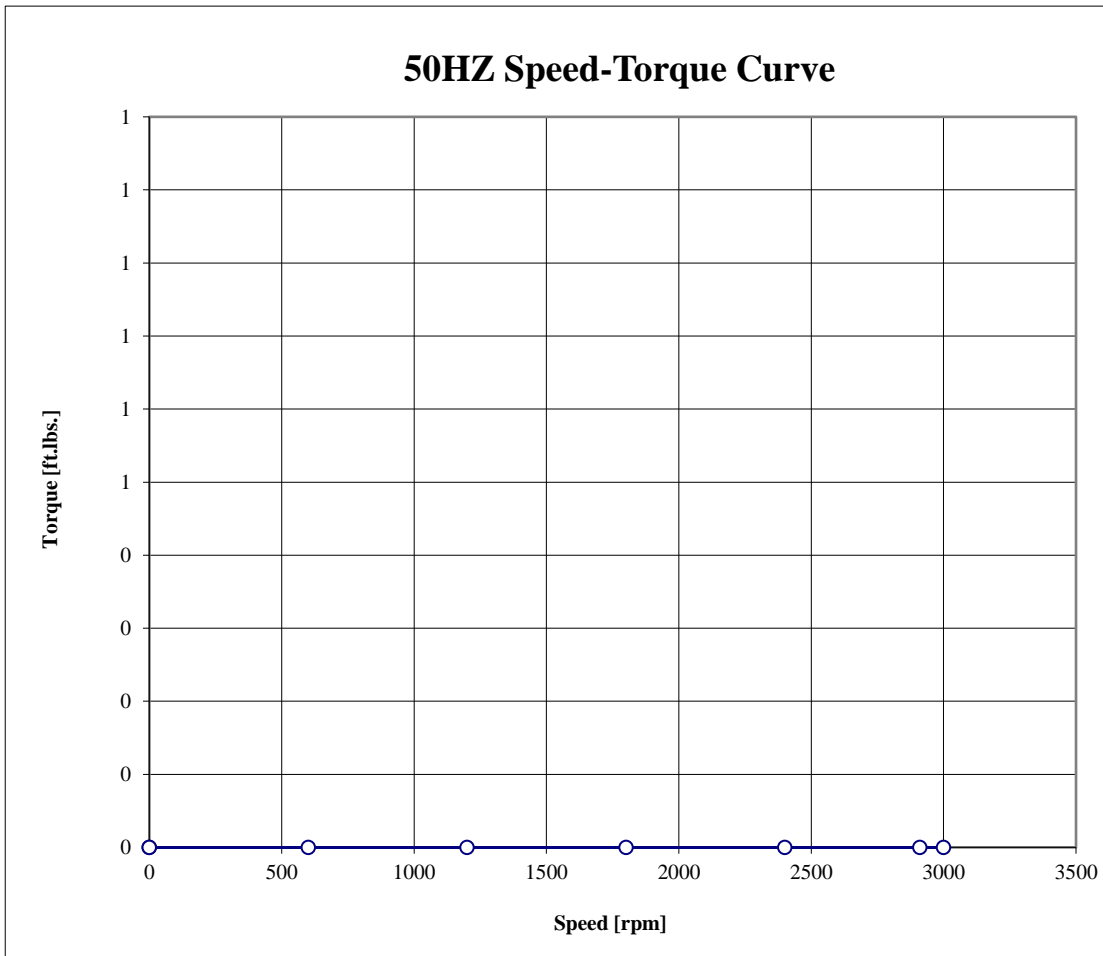


\*Curve base on calculated values

50HZ Speed-Torque Curve not available for this motor

				<b>Motor: PA2N015-3SC</b>	
	<b>Frame:</b>	215TC	15 HP	400 V	
	<b>Pole no.:</b>	2	- ft.lbs.	50 Hz	0 rpm

<b>Speed</b>	0	600	1200	1800	2400	2910	0	3000
<b>Speed ratios</b>	0	0.2	0.4	0.6	0.8	0.97	0.000	1
<b>Mot. torque ratios</b>	-	-	-	-	-	-	1	0
<b>Motor torque / ft.lbs.</b>	-	-	-	-	-	-	-	-



\*Curve base on calculated values