

CATALOG No: **PA2N015-5SD**

ISSUED: 28-Apr-22

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
15	-	2	3600	215TD	575 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
		575 V	575 V	
350	320	13.90	125.10	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/D%20Flange/NEMA215KTD.pdf>

**Click Link Below For Connection Diagram**

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

Notes:



## 50HZ TECHNICAL DATA SHEET

CATALOG No: **PA2N015-5SD**

ISSUED: 28-Apr-22

### GENERAL INFORMATION

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
15	-	2	3000	215TD	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

<http://brookcrompton.com/Drawings/PA-PC-TA-TC/NEMA/D%20Flange/NEMA215KTD.pdf>

### Click Link Below For Connection Diagram

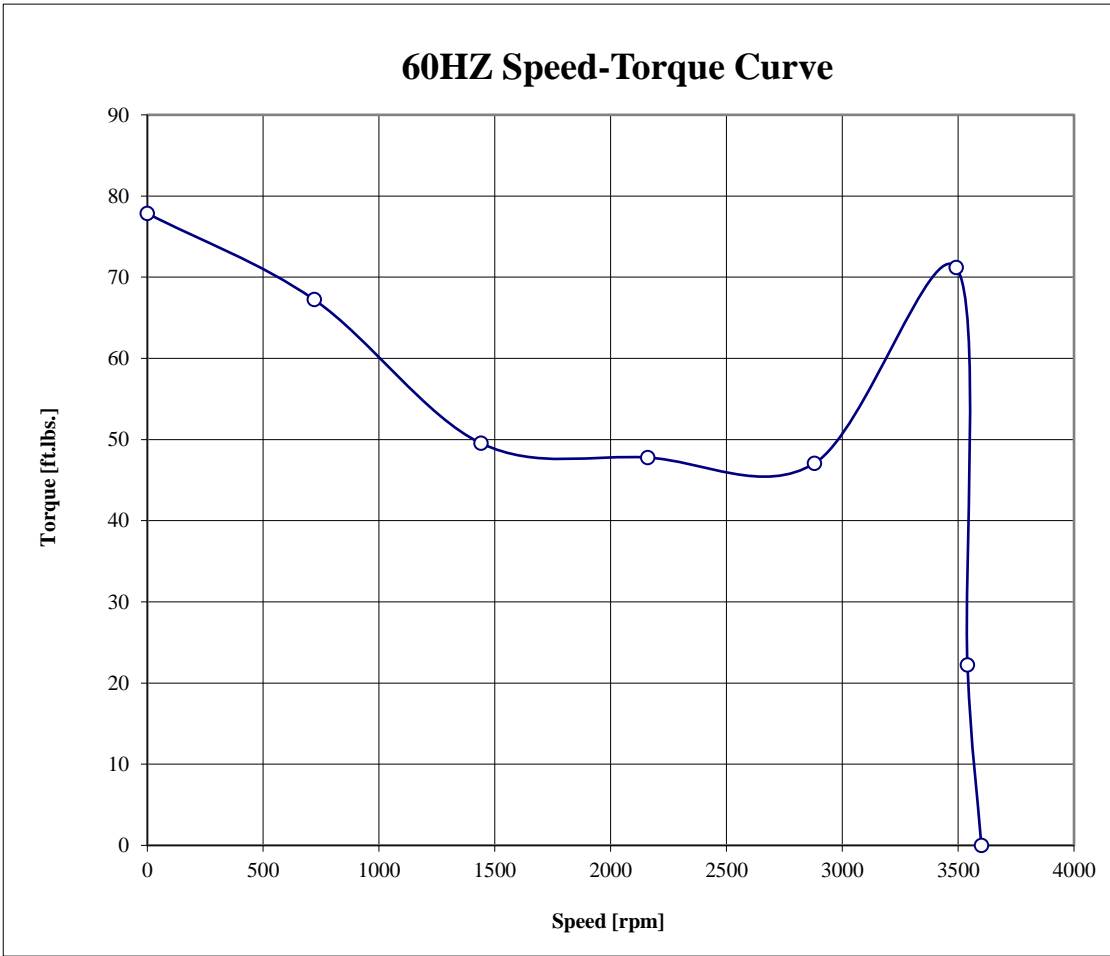
Connection Diagram Not Available. Please Call 1-800-MOTORS-9

Notes:

**Motor: PA2N015-5SD**

	<b>Frame:</b>	215TD	15 HP	575 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>	3.5	3.0	2.2	2.1	2.1	3.2	1	0
<b>Motor torque / ft.lbs.</b>	78	67	50	48	47	71	22	0

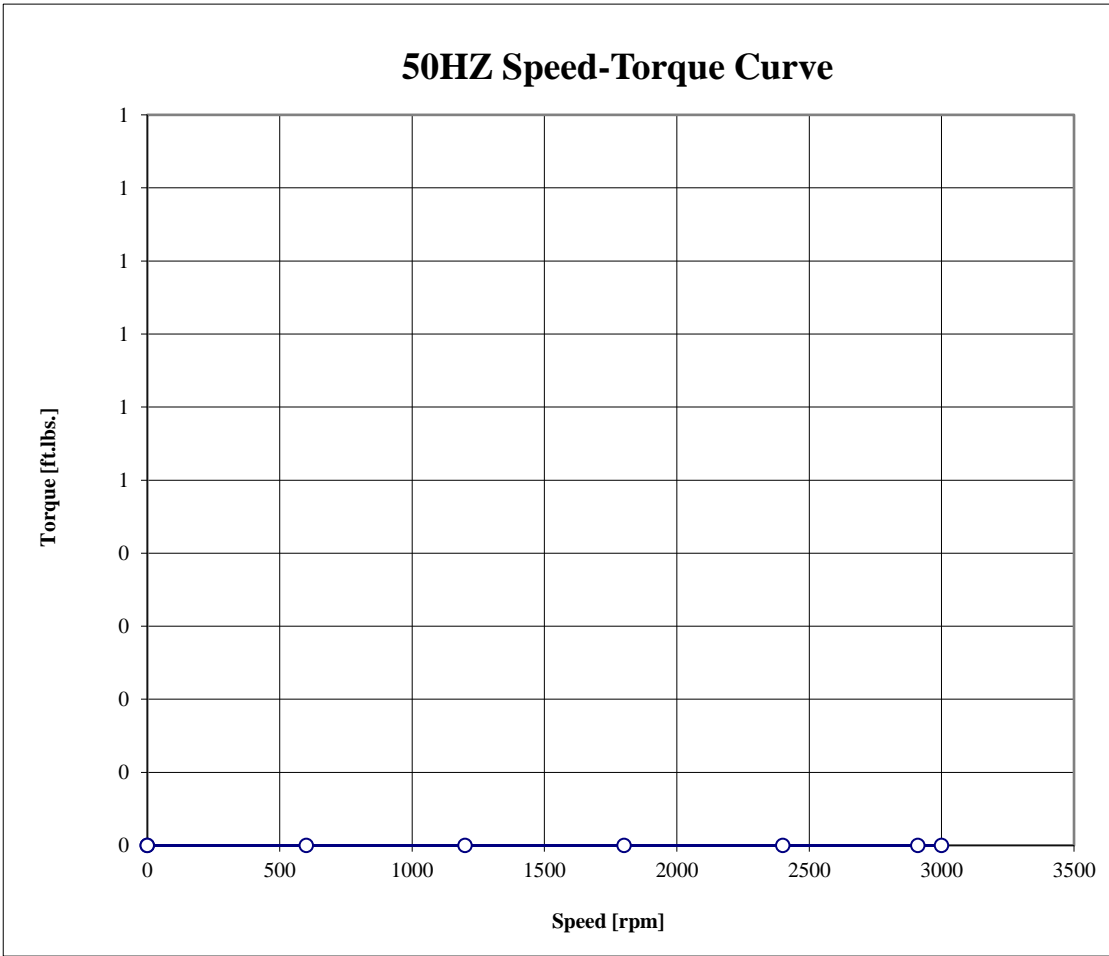


\*Curve base on calculated values

50HZ Speed-Torque Curve not available for this motor

					<b>Motor: PA2N015-5SD</b>	
	<b>Frame:</b>	215TD	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>	3.5	3.0	2.2	2.1	2.1	3.2	1	0
<b>Motor torque / ft.lbs.</b>	-	-	-	-	-	-	-	-



\*Curve base on calculated values