

**60HZ TECHNICAL DATA SHEET**

CATALOG No: **BC4N002V4C**

ISSUED: 14-Mar-24

**GENERAL INFORMATION**

HP	KW	Pole	RPM	Frame	Voltage	Hz	Phase	IP Rating
2	1.50	4	1800	145TC	230/460 V	60	3	IP55

Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.25	Continuous	B	-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
86.5	86.9	85.9	0.82	0.76	0.65

LRT%	BDT %	Full Load Amps	Locked Rotor Amps	Full Load RPM
		460 V	460 V	
240	320	2.65	16.96	1735

NEMA KVA Code	Bearing Size		Oil Seal		Sound Level
	Drive End	Non-Drive End	Drive End	Non-Drive End	dB(A)
H	62052Z	62032Z	-	-	-

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

**VFD DUTY INFORMATION**

	Variable Torque	Constant Torque	Rating
-	6 - 60 Hz	12 - 60 Hz	CSA Approved Class I; Div 2; Groups A, B, C, & D, T3 With VFD
-	-	-	

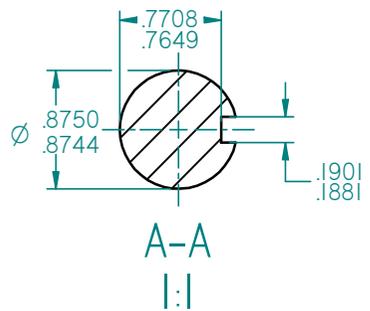
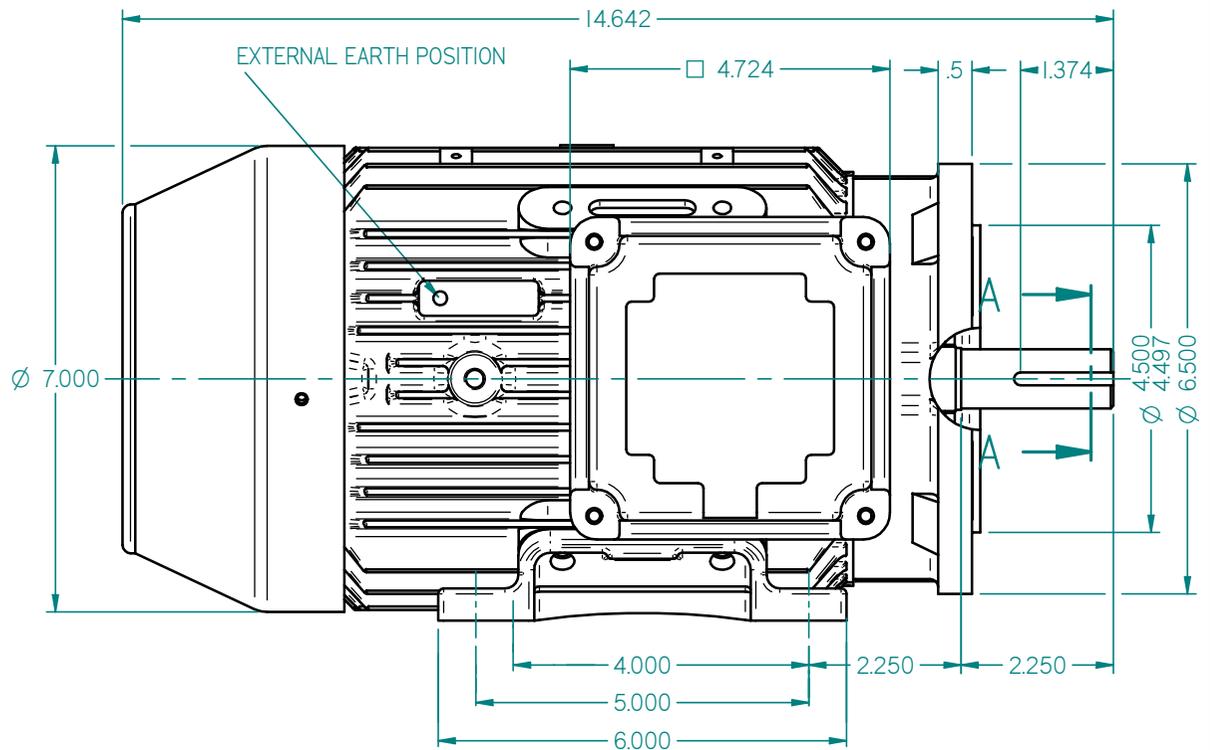
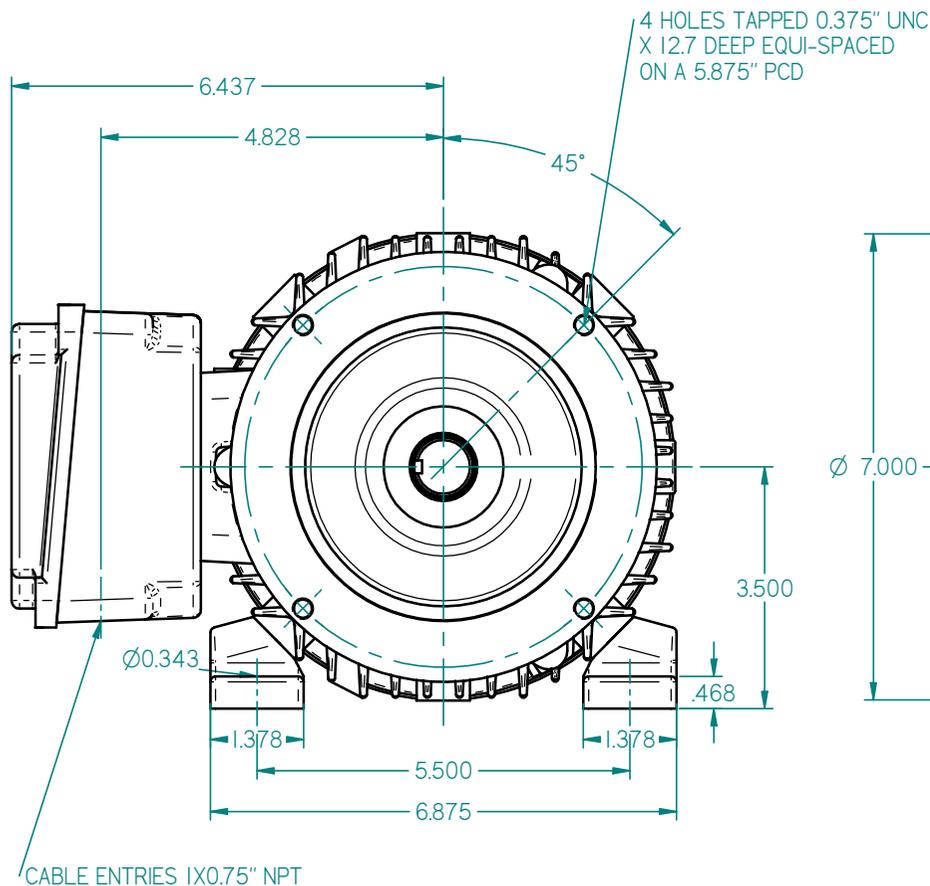
**Click Link Below For Drawing**

[Drawing Not Available](#)

**Click Link Below For Connection Diagram**

<http://www.brookcrompton.com/Connections/Connection%20Diagram%209%20Lead%202X4%20NEMA.pdf>

Notes:



STANDARD TERMINAL BOX POSITION IS 9 O'CLOCK AS SHOWN.  
 CONDUIT ENTRIES:- TERMINAL BOX CAN BE ROTATED AT 90° INTERVALS  
 (CONDUIT ENTRY POSITION SHOWN FOR ILLUSTRATION ONLY)

ALL DIMENSIONS IN INCHES

FIRST ANGLE PROJECTION

**BROOK CROMPTON**

SHEET SIZE <b>A3</b>	TITLE:	OUTLINE DIMENSION DRAWING W CAST IRON TOTALLY ENCLOSED FAN COOLED WP-DF143/5TC- FRAME FOOT & C FLANGE MOUNTED MOTOR	NAME	DATE	DRG. No.	
			DRAWN	DL	23-11-12	DRG. REF.
			CHECKED			REVISION:
			SCALE	1:2	DATE:	