



**Notes:**

1. Main conduit box may be rotated in steps of 90°.  
A removable bottom plate is supplied on the FS1.5 conduit box.  
A 5.0 N.P.T. is supplied on the CI2 and CI3 conduit boxes.
2. C = Length of motor from drive end of shaft to end of standard fan housing.
3. V = (N-W)-0.25" = length of shaft available for coupling.
4. Machines may rotate in either direction.
5. Shims may be necessary under motor feet for direct connection.
6. Short shaft is for direct connection.
7. Adding a rotating labyrinth seal to the drive end does not change any dimension.
8. Adding a ground brush increases BA & C by:  
4 Pole & Slower: 2.50"
9. Adding a ground brush with rotating labyrinth seals increases BA & C by:  
4 Pole & Slower: 2.50"

**Standard Dimensions in Inches**

Shaft	Frame	Speed	B	BA <sub>8,9</sub>	C <sub>8,9</sub>	E	2F	N	(N-W)	R	S	U	V <sub>3</sub>	ES	Approx. Ship Wt. (Lbs)
Short	SH400	4 Pole & Slower	52.0	9.00	92.1	14.76	44.1	8.3	8.0	3.944	1.00	4.5	7.75	6.5	9900

**Certification:** Customer \_\_\_\_\_ P.O. \_\_\_\_\_ S.O. \_\_\_\_\_ Item \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_ Frame \_\_\_\_\_ PH/HZ/Volts 3/\_\_\_\_\_/\_\_\_\_\_  
 By \_\_\_\_\_ Date \_\_\_\_\_ Terminal Box Size CI2  CI3  FS1.5

CGZA0\_SH400\_4plusPL\_AF\_ROT  
Revision 01  
01/10/13