



**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. Long shaft may be either belt drive or direct connection depending upon the bearing installed in the motor.
7. Adding a rotating labyrinth seal to the drive end decreases N by:  
2 Pole: 0.55"
8. Adding a ground brush increases BA & C by:  
2 Pole: 0.50"
9. Adding a ground brush with rotating labyrinth seal increases BA & C by:  
2 Pole: 0.75"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA <sub>8,9</sub>	C <sub>8,9</sub>	E	2F	N <sub>7</sub>	(N-W)	R	S	U	V <sub>3</sub>	ES	Approx. Ship Wt. (Lbs)
Short	5010S	2 Pole	37.0	8.50	73.7	10.00	32.0	7.50	5.25	2.275	0.625	2.625	5.00	3.5	4300
Short	5012S	2 Pole	45.0	8.50	80.7	10.00	40.0	7.50	5.25	2.275	0.625	2.625	5.00	3.5	5000

**Certification:** Customer \_\_\_\_\_ P.O. \_\_\_\_\_ S.O. \_\_\_\_\_ Item \_\_\_\_\_  
 HP \_\_\_\_\_ RPM \_\_\_\_\_ Frame \_\_\_\_\_ PH/Hz/Volts 3/\_\_\_\_\_/\_\_\_\_\_  
 By \_\_\_\_\_ Date \_\_\_\_\_  
 Comments \_\_\_\_\_  
 Not for construction, installation or application purposes unless certified.

Terminal Box Size CI2  CI3  FS1.5

NCZA0\_5010-12\_2PL\_AF\_ROT  
A5E31884930A REV AA  
03/08/13