



- Notes:**
1. Main conduit box is free standing and must be supported from below by customer. Main conduit box is not level with motor feet. A removable bottom plate is supplied on the FS2 and FS3 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 decreases N by:
4 Pole & Slower: 0.25"
 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: 2.75"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA _{8,9}	C _{8,9}	E	2F	N ₇	(N-W)	R	S	U	V ₃	ES	Approx. Ship Wt. (Lbs)
Short	SH450	4 Pole & Slower	58.7	9.60	99.7	16.75	49.2	9.30	9.0	4.296	1.25	5.0	8.75	7.5	13700

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/ _____ / _____ Terminal Box Size FS2 FS3
 By _____ Date _____
 Comments _____

CGZA0-SH450_4plusPL_AF_FS
Revision 00
02/24/12

Not for construction, installation or application purposes unless certified.