



Notes:

- 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 C12 and C13 conduit boxes.
- C = Length of motor from drive end of shaft to end of standard fan housing.
- $V = (N-W) - 0.25$ = length of shaft available for coupling.
- Machines may rotate in either direction.
- Shims may be necessary under motor feet for direct connection.
- Short shaft is for direct connection. Long shaft may be either belt drive or direct connection depending upon the bearing installed in the motor.
- Adding a rotating labyrinth seal to the drive end decreases N by:
2 Pole: 0.55"
- Adding a ground brush increases BA & C by:
2 Pole: 0.50"
- 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 _{8,9}	C _{8,9}	E	2F	N ₇	(N-W)	R	S	U	V ₃	ES	Approx. Ship Wt. (Lbs)
Short	506S	2 Pole	32.75	8.50	75.0	10.00	20.0	8.50	5.25	2.275	0.625	2.625	5.25	3.5	4500
Short	507S	2 Pole	32.75	8.50	75.0	10.00	22.0	8.50	5.25	2.275	0.625	2.625	5.25	3.5	4500
Short	508S	2 Pole	32.75	8.50	75.0	10.00	25.0	8.50	5.25	2.275	0.625	2.625	5.25	3.5	4500

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/Hz/Volts 3/_____/_____
 By _____ Date _____ Terminal Box Size C12 C13 FS1.5
 Comments _____
 Not for construction, installation or application purposes unless certified.