



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. A 3.0" spacer is supplied on all frames for 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. 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 _{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 _____
 Comments _____
 Not for construction, installation or application purposes unless certified.