



- Notes:
- Main conduit box is free standing and must be supported from below by customer. A removable bottom plate is supplied on the FS2 and FS3 conduit boxes.
  - C = Length of motor from drive end of shaft to end of non-drive end of motor.
  - V = (N-W)-0.25" = length of shaft available for coupling.
  - 2 Pole machines may rotate in one direction only.
  - 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: 2.50"
  - Adding a ground brush with rotating labyrinth seal increases BA & C by: 2 Pole: 2.75"

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	509S	2 Pole	37.0	8.50	65.3	10.00	28.0	5.50	5.25	2.275	0.625	2.625	5.00	3.5	4500
Short	5011S	2 Pole	45.0	8.50	72.3	10.00	36.0	5.50	5.25	2.275	0.625	2.625	5.00	3.5	5250
Short	5013S	2 Pole	54.0	8.50	81.3	10.00	45.0	5.50	5.25	2.275	0.625	2.625	5.00	3.5	6450

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

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