



Lubrication Per Bearing	
2 Pole	4 Pole & Slower
140-160 SUS @ 100°F	290-350 SUS @ 100°F
1.4 qt. capacity	1.4 qt. capacity

- 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.
 - C* = Length of motor from drive end of shaft to edge of low noise inlet air baffle.
 - V = (N-W)-0.25" = length of shaft available for coupling.
 - Adding a low noise vertical air discharge duct requires a 6.0" spacer for the FS2 and FS3 conduit boxes. All associated conduit box dimensions will change accordingly.
 - 2 Pole machines may rotate in one direction only.
 - Shims may be necessary under motor feet for direct connection.
 - Rotor end float = 0.5"
 - End float of LEF coupling = 0.19"
 - Adding a rotating labyrinth seal to the drive end does not change any dimensions.
 - When adding a ground brush, consult the factory. (BA, C, and C* will increase.)
 - For motors equipped with provisions for proximity probes use this print for our standard internal mounting.

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA ₁₁	C _{2,11}	C _{3,11} [*]	E	2F	N	(N-W)	R	S	U	V ₄	ES	Approx. Ship Wt. (Lbs)
Short	508S	2 Pole	36.0	10.50	50.6	53.5	10.00	25.0	5.95	5.25	2.275	0.625	2.625	5.00	3.5	3800
Short	508S	4 Pole & Slower	36.0	10.50	52.0	54.9	10.00	25.0	7.45	6.75	2.880	0.875	3.375	6.50	5.0	4100
Short	5010S	2 Pole	43.0	10.50	57.6	60.5	10.00	32.0	5.95	5.25	2.275	0.625	2.625	5.00	3.5	4700
Short	5010S	4 Pole & Slower	43.0	10.50	59.0	61.9	10.00	32.0	7.45	6.75	2.880	0.875	3.375	6.50	5.0	4900

Certification: Customer _____ P.O. _____ S.O. _____ Item _____
 HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/_____/_____
 By _____ Date _____ Terminal Box Size FS2 FS3
 Comments _____
 Not for construction, installation or application purposes unless certified.