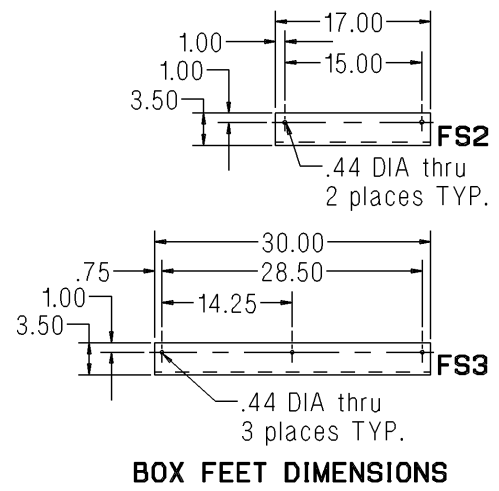
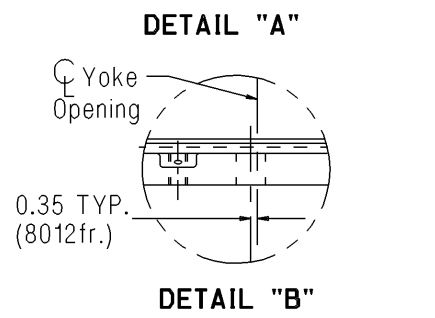
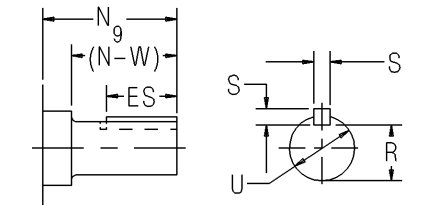
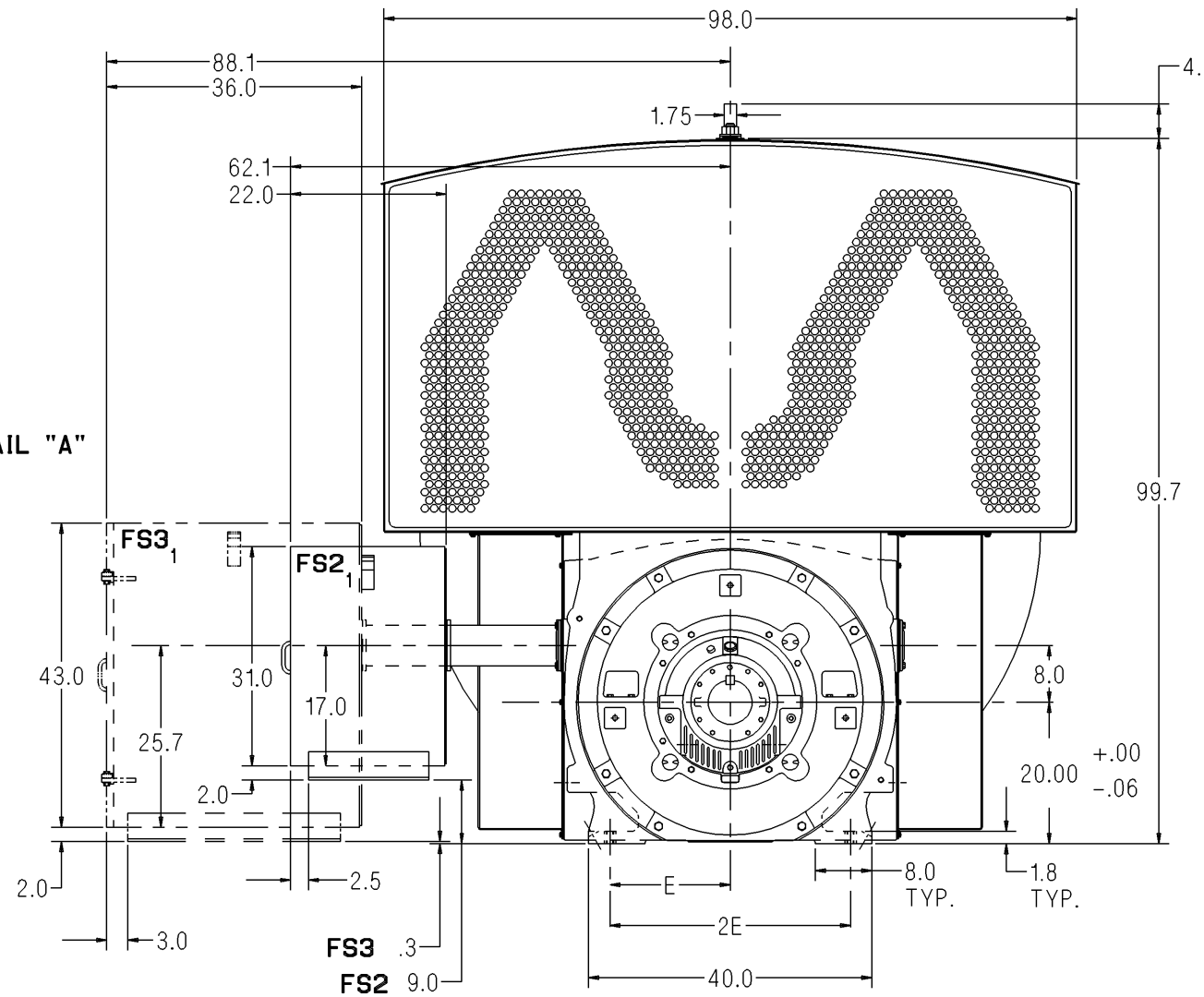
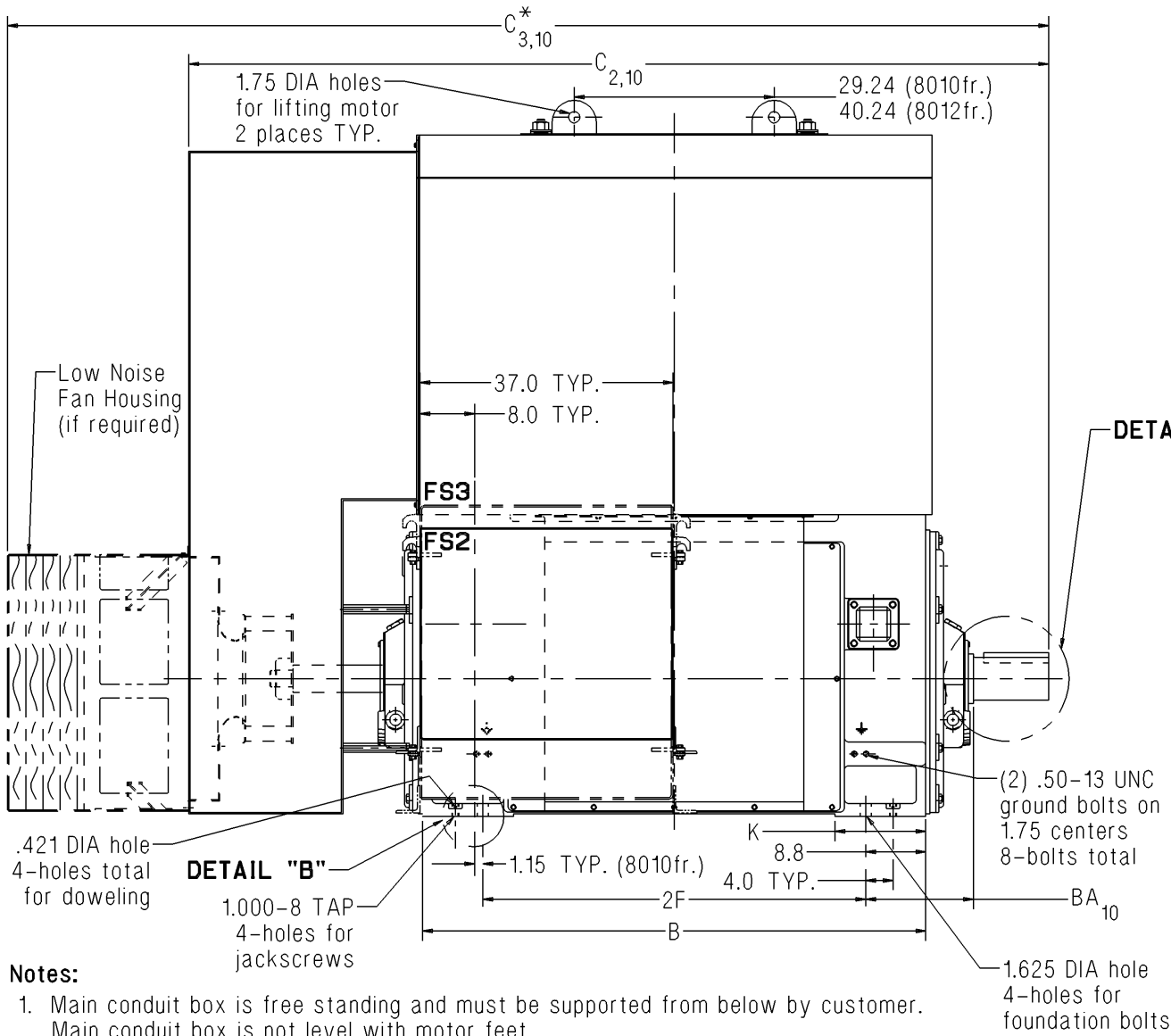


Dimension Prints for Above NEMA Motors



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 16.0" spacer is supplied on both frames for the FS2 conduit box. A 28.0" spacer is supplied on both frames for the FS3 conduit box.
2. C = Length of motor from drive end of shaft to end of standard fan housing.
3. C* = Length of motor from drive end of shaft to end of low noise fan housing.
4. V = (N-W)-0.25" = length of shaft available for coupling.
5. Machines may rotate in one direction only.
6. Shims may be necessary under motor feet for direct connection.
7. Rotor end float = 0.5"
8. End float of LEF coupling = 0.19"
9. Adding a rotating labyrinth seal to the drive end decreases N by: 4 Pole & Slower: 0.55"
10. When adding a ground brush, consult the factory. (BA, C, and C* will increase.)
11. For motors equipped with proximity probes use print CAZ_800_4plusPL_SLVPRB_FS.
12. Approximate Ship Weight is based on standard aluminum cooling tubes.

Lubrication Per Bearing	
4 Pole & Slower	
290-350 SUS @ 100°F	
6.0 qt. capacity	

Standard Dimensions in Inches

Shaft	Frame	Speed	B	BA ₁₀	C _{2,10}	C* _{3,10}	E	2F	K	N ₉	(N-W)	R	S	U	V ₄	ES	Approx. Ship Wt. (Lbs) ₁₂
Short	8010	4 Pole & Slower	73.6	15.75	124.6	152.2	17.0	56.0	13.3	11.75	11.00	5.408	1.50	6.250	10.75	9.5	23000
Short	8012	4 Pole & Slower	88.6	15.75	139.6	167.2	17.0	71.0	14.8	11.75	11.00	5.408	1.50	6.250	10.75	9.5	27700

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.