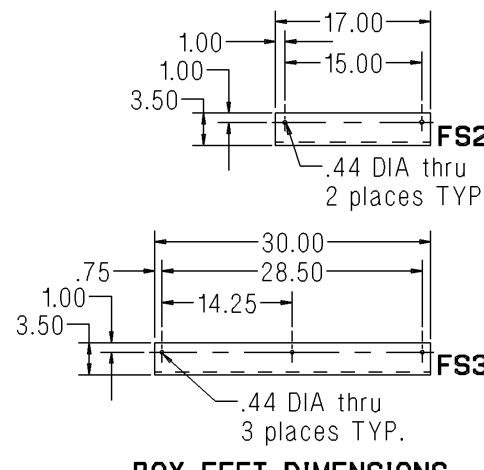
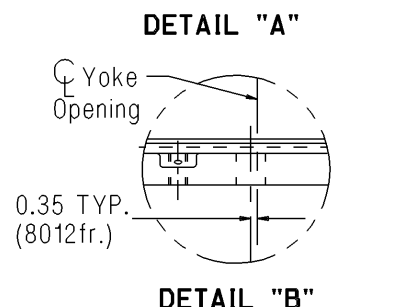
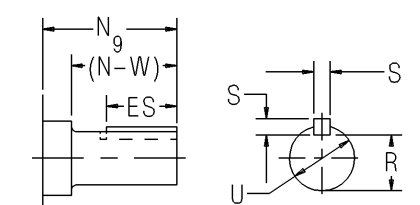
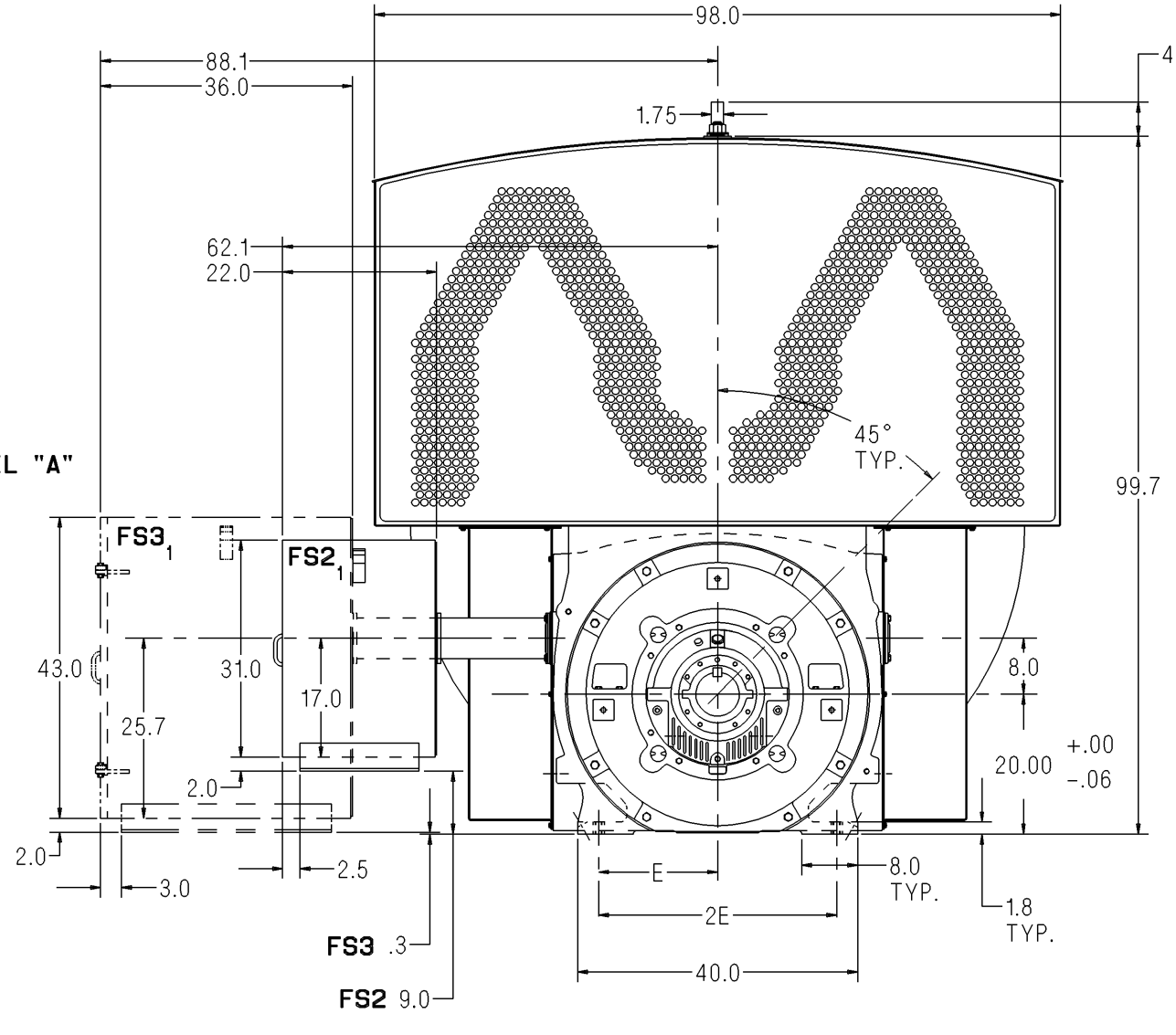
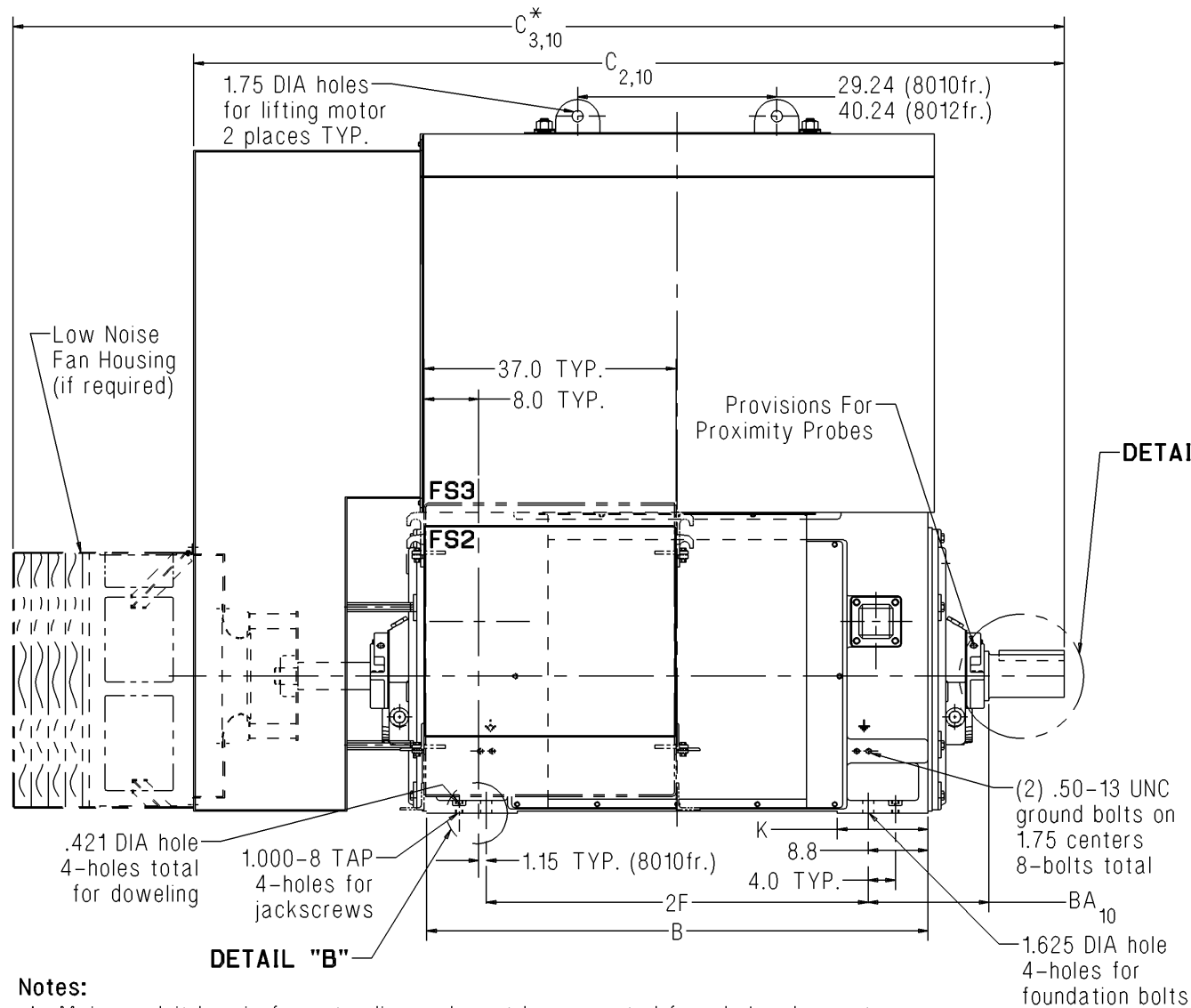


Dimension Prints for Above NEMA Motors



Notes:

- 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.
- C = Length of motor from drive end of shaft to end of standard fan housing.
- C* = Length of motor from drive end of shaft to end of low noise fan housing.
- $V = (N-W) - 0.25$ = length of shaft available for coupling.
- 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 decreases N by: 4 Pole & Slower: 0.55"
- When adding a ground brush, consult the factory. (BA, C, and C* will increase.)
- For motors without proximity probes use print CAZ_800_4plusPL_SLV_FS.
- 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	17.75	127.7	154.2	17.0	56.0	13.3	12.10	11.0	5.408	1.50	6.250	10.75	9.5	23000
Short	8012	4 Pole & Slower	88.6	17.75	138.0	169.2	17.0	71.0	14.8	12.10	11.0	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.