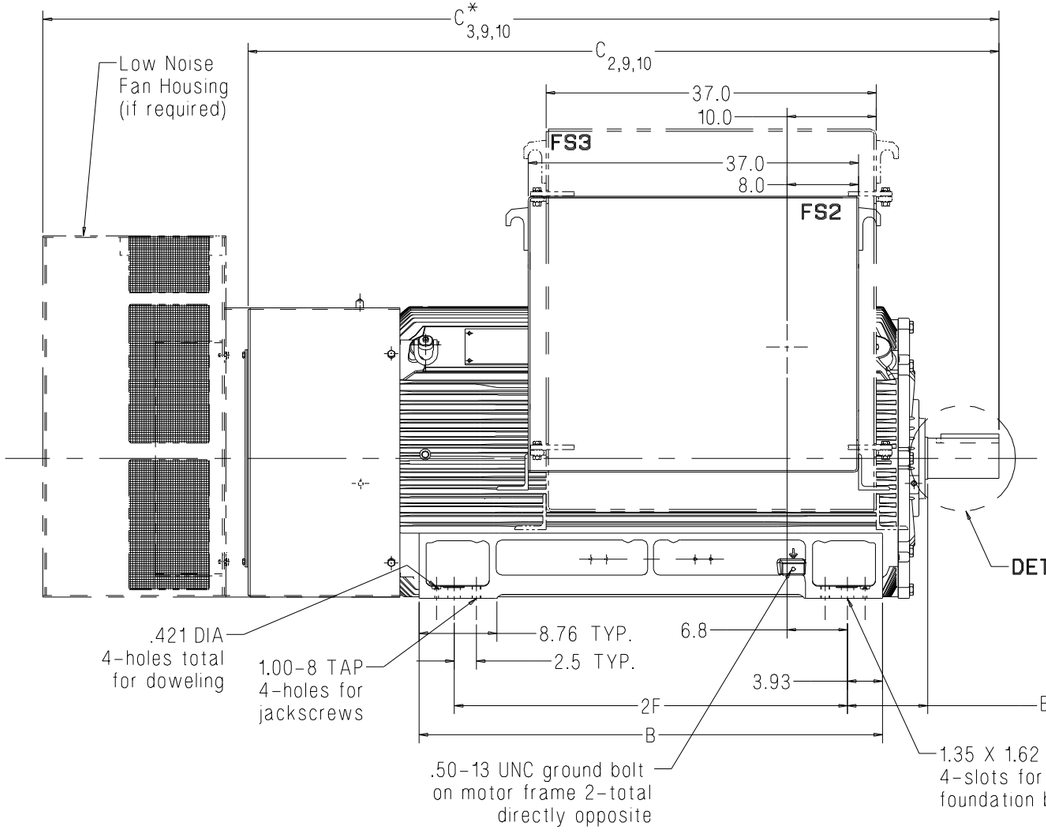
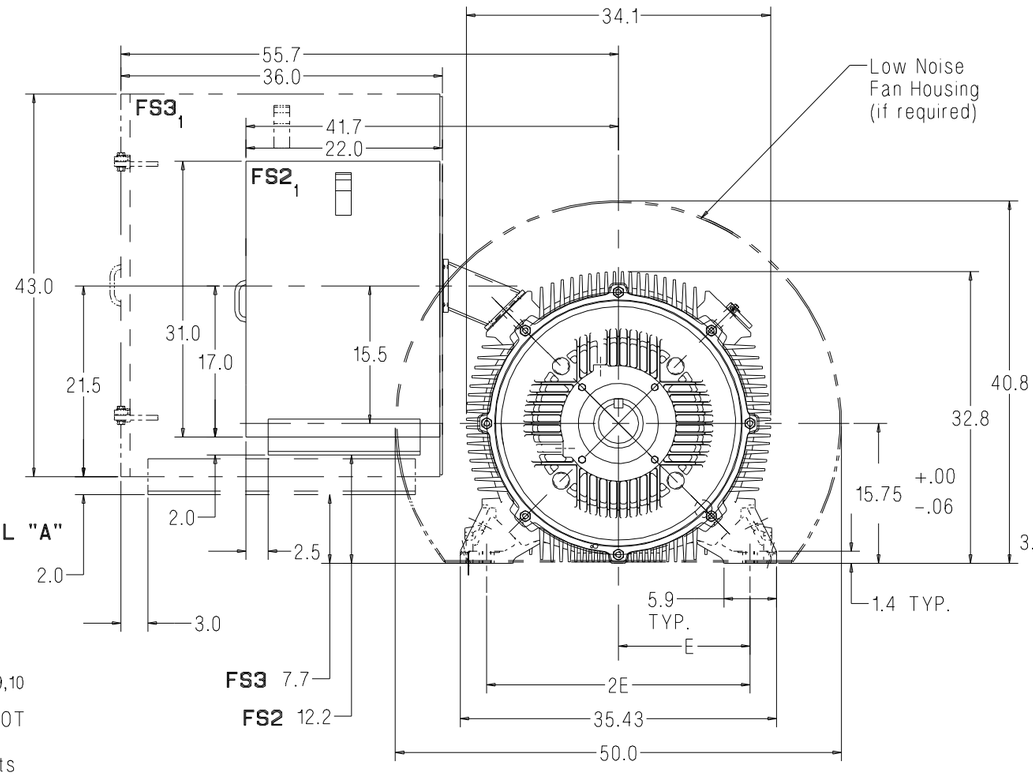
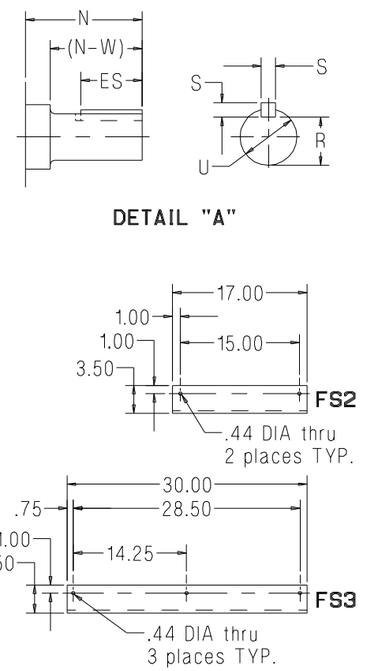
SIEMENS

Dimension Prints for Above NEMA Motors

Type CGZ – Horizontal – Totally Enclosed Fan Cooled
Anti-Friction Bearing – Direct Connected
Frame SH400 – 4 Pole & Slower – Free Standing Main Conduit Box







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.
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. Machine may rotate in either direction.
6. Shims may be necessary under motor feet for direct connection.
7. Short shaft is for direct connection.
8. Adding a rotating labyrinth seal to the drive end does not change any dimensions.
9. Adding a ground brush increases BA, C, and C* by:
   4 Pole & Slower: 2.50"
10. Adding a ground brush with rotating labyrinth seals increases BA, C, and C* by:
    4 Pole & Slower: 2.50"

Standard Dimensions in Inches

Shaft	Frame	Speed	B	$BA_{9,10}$	$C_{2,9,10}$	$C^*_{3,9,10}$	E	2F	N	(N-W)	R	S	U	V_4	ES	Approx. Ship Wt. (Lbs)
Short	SH400	4 Pole & Slower	52.0	9.00	84.2	107.2	14.76	44.1	8.30	8.00	3.944	1.000	4.500	7.75	6.5	9900

Certification: Customer _____ P.O. _____ S.O. _____ Item _____

HP _____ RPM _____ Frame _____ PH/HZ/Volts 3/_____/_____ Terminal Box Size FS2☐ FS3☐

By _____ Date _____

Comments _____

Not for construction, installation or application purposes unless certified.

CGZ_SH400_4plusPL_AF_FS
Revision 00
02/29/12