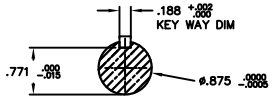
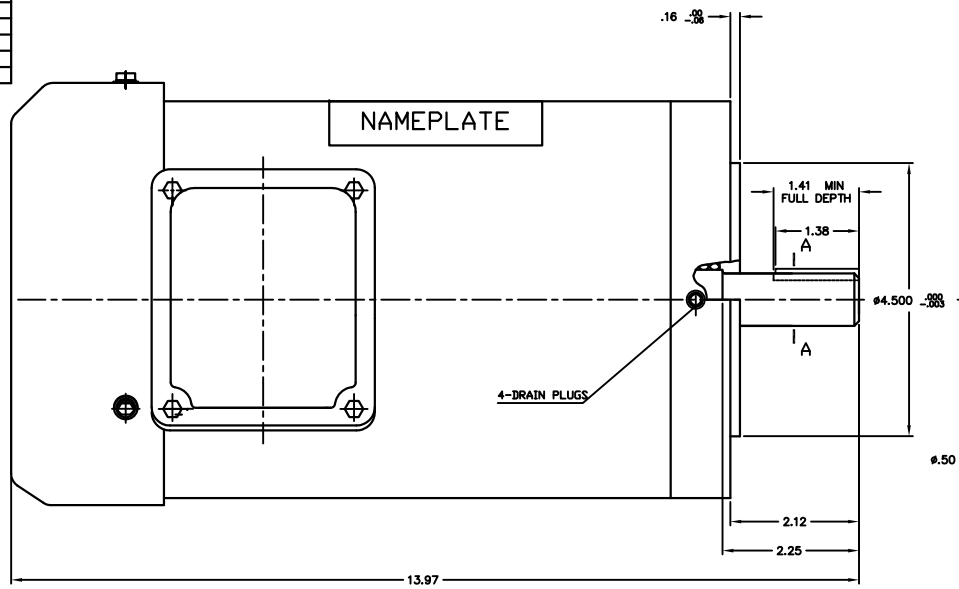
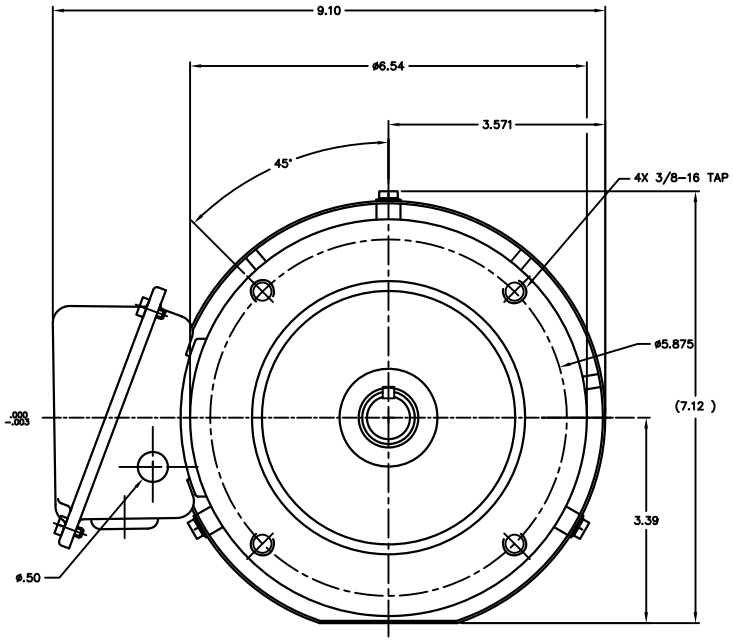
MOTOR SPECS/PERFORMANCE DATA	
MODEL NUMBER	YXN5664-A
HP	1.0
VOLT	208-230/460
PHASE	3
HZ	60
RATED SPEED	1740 RPM
FLA (@460VOLTS)	1.5 AMPS
FRAME	145TC
ENCLOSURE	TEFC
IP RATING	55
INS CLASS	F
EFFICIENCY	83%
POWER FACTOR	.78
FULL LOAD TORQUE	4.1 Nm (3.02 ft-Lbs)
MAX TORQUE	17 Nm (12.5 ft-Lbs)
START AMPERAGE	12.5 Amps
SERVICE FACTOR	1.15
RATING @	40 °C AMBIENT
USABLE AMPS @208V	2.80
LOCKED ROTOR CODE	M
NEMA DESIGN CODE	B
LR KVA CODE	M
NO LOAD CURRENT	0.90 AMPS
LINE-LINE RESIST@25C	12 OHMS
TEMP RISE C@FL	40°C
LOCKED ROTOR TORQ	13.5 Nm (9.96 ft-lbs)
TEMP RISE @SF LOAD	50°C
SHIPPING WEIGHT (LBS)	43
DUTY	CONTINUOUS

REVISIONS					
REV	ECO. NO.	DESCRIPTION	DWN/DATE	CHK/DATE	APVD/DATE
A	XX	RELEASE FOR WEBSITE	P.S.K. 04/28/10		

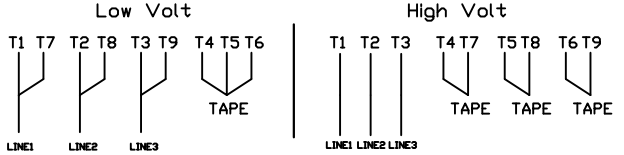


SECTION A-A





WIRING DIAGRAM



NOTE: TO REVERSE ROTATION, INTERCHANGE ANY TWO LEADS

NOTES:

1. INTERPRET DRAWING PER ANSI Y14.3.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M.
3. INTERPRET ABBREVIATIONS PER ANSI Y1.1.

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APPLICABLE SPECIFICATIONS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES	APPROVALS / SIGNATURE / DATE	SMC North America
		DRAWN BY: Phillip Keller 11/15/09	MOTOR, 1 HP, SS, 3 PH, 145TC, YXN5664-A
		CHECKED BY:	SIZE D | PART NO. 002849-01 | DRAWING NO. 002849-01 | REV A
MATERIAL N/A		APPROVED BY:	
PROTECTIVE/DECORATIVE FINISH N/A		FILENAME: WS002849-01DA	SCALE 1/1 | DO NOT SCALE DRAWING | SHEET 1 OF 1