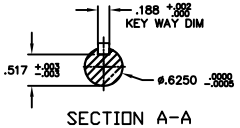
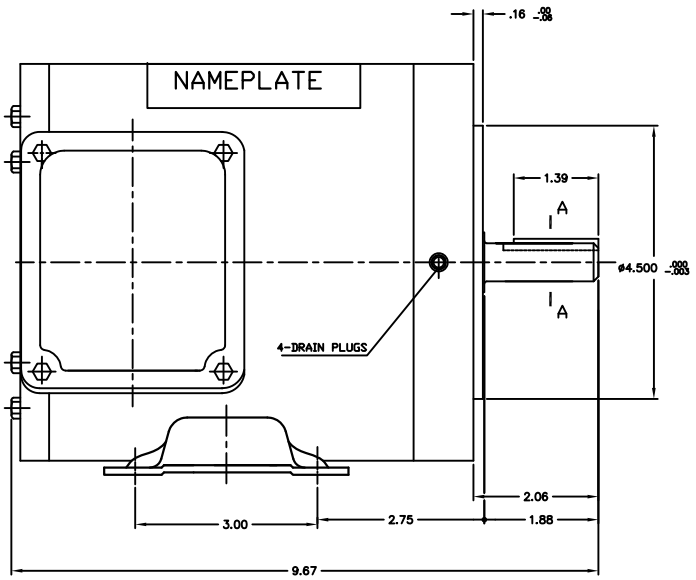
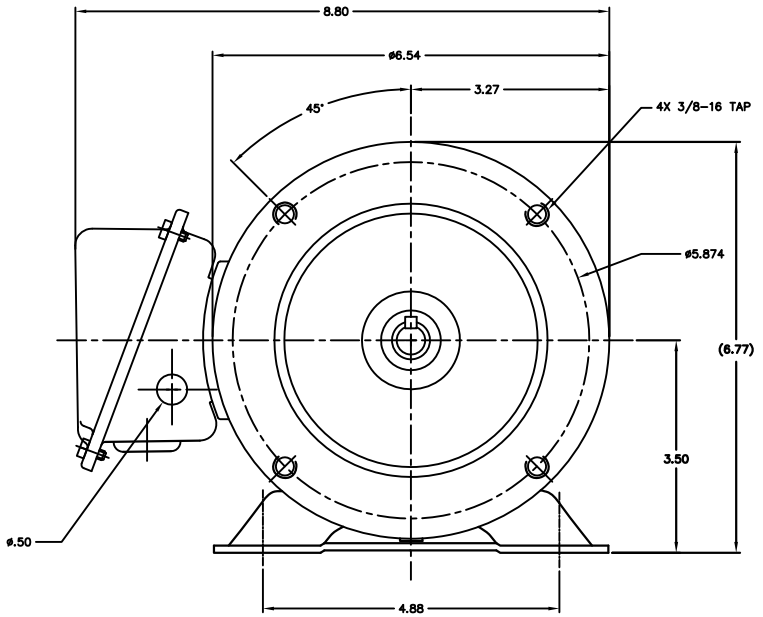
MOTOR SPECS/PERFORMANCE DATA	
MODEL NUMBER	YXN5634D
HP	.50
VOLT	208-230/460
PHASE	3
HZ	60
RATED SPEED	1740 RPM
FLA (@460VOLTS)	.85 AMPS
FRAME	56C
ENCLOSURE	TENV
IP RATING	55
INS CLASS	F
EFFICIENCY	80%
POWER FACTOR	.71
FULL LOAD TORQUE	2 Nm (1.48 ft-Lbs)
MAX TORQUE	8 Nm (5.9 ft-Lbs)
START AMPERAGE	6 Amps
SERVICE FACTOR	1.15
RATING @	40 °C AMBIENT
USABLE AMPS @208V	1.55
LOCKED ROTOR CODE	L
NEMA DESIGN CODE	B
LR KVA CODE	L
NO LOAD CURRENT	0.65 AMPS
LINE-LINE RESIST@25C	30 OHMS
TEMP RISE C@FL	62°C
LOCKED ROTOR TORQ	6 Nm (4.43 ft-lbs)
TEMP RISE @SF LOAD	72°C
SHIPPING WEIGHT (LBS)	36
DUTY	CONTINUOUS

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

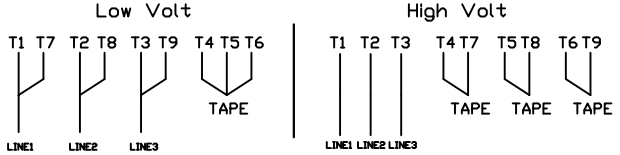


SECTION A-A





WIRING DIAGRAM



NOTE: TO REVERSE ROTATION, INTERCHANGE ANY TWO LEADS

NOTES:

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

NOTICE: CONFIDENTIAL INFORMATION
THIS DOCUMENT IS THE PROPERTY OF SMC AND SHALL NOT BE COPIED, REPRODUCED OR USED AS THE BASIS FOR SALE OR MANUFACTURE OF APPARATUS OR DEVICES WITHOUT WRITTEN PERMISSION.

APPLICABLE SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN DECIMALS TOLERANCES

APPROVALS	SIGNATURE	DATE
DRAWN BY:	Phillip Keller	11/13/09
CHECKED BY:		
APPROVED BY:		

SMC North America

MOTOR, .50 HP, SS, 3 PH, 56C, FOOTED, YXN5634D

MATERIAL	SIZE	PART NO.	DRAWING NO.	REV
N/A	D	002848-06	002848-06	A

PROTECTIVE/DECORATIVE FINISH: N/A

FILENAME: WS002848-06D

SCALE 1/1 | DO NOT SCALE DRAWING | SHEET 1 OF 1