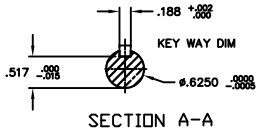
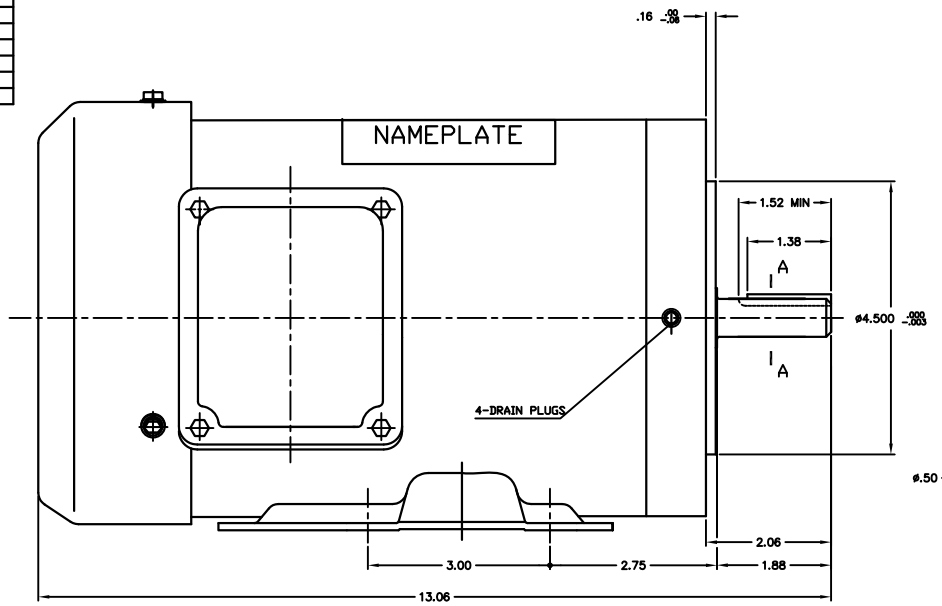
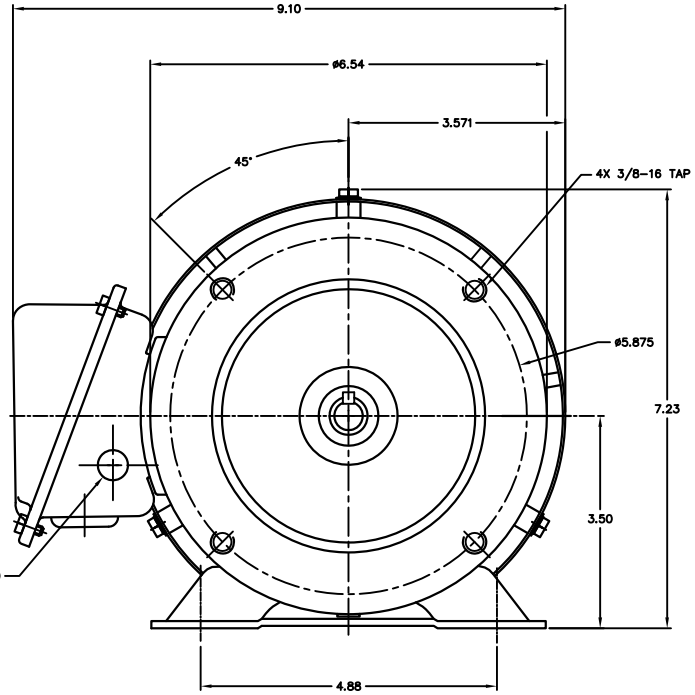
MOTOR SPECS/PERFORMANCE DATA	
MODEL NUMBER	YXN5664D
HP	1.0
VOLT	208-230/460
PHASE	3
HZ	60
RATED SPEED	1740 RPM
FLA (@460VOLTS)	1.5 AMPS
FRAME	56C
ENCLOSURE	TEFC
IP RATING	55
INS CLASS	F
EFFICIENCY	83%
POWER FACTOR	.78
FULL LOAD TORQUE	4.1 Nm (3.02 ft-Lbs)
MAX TORQUE	17 Nm (12.5 ft-Lbs)
START AMPERAGE	13 Amps
SERVICE FACTOR	1.15
RATING @	40 °C AMBIENT
USABLE AMPS @208V	2.80
LOCKED ROTOR CODE	L
NEMA DESIGN CODE	B
LR KVA CODE	L
NO LOAD CURRENT	0.90 AMPS
LINE-LINE RESIST@25C	12 OHMS
TEMP RISE C@FL	40°C
LOCKED ROTOR TORQ	14 Nm (10.33 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		

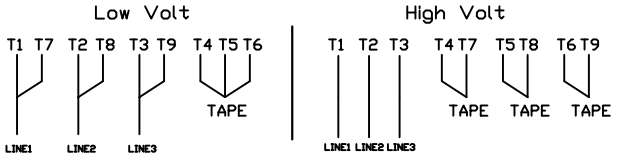


SECTION A-A





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
DRAWN BY:	Phillip Keller	5/11/09
CHECKED BY:		
APPROVED BY:		

SMC North America

MOTOR, 1 HP, SS, 3 PH, 56C, FOOTED, YXN5664D

SIZE	PART NO.	DRAWING NO.	REV
D	002847-02	002847-02	A

MATERIAL N/A

PROTECTIVE/DECORATIVE FINISH N/A

FILENAME: WS002847-02D

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