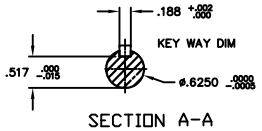
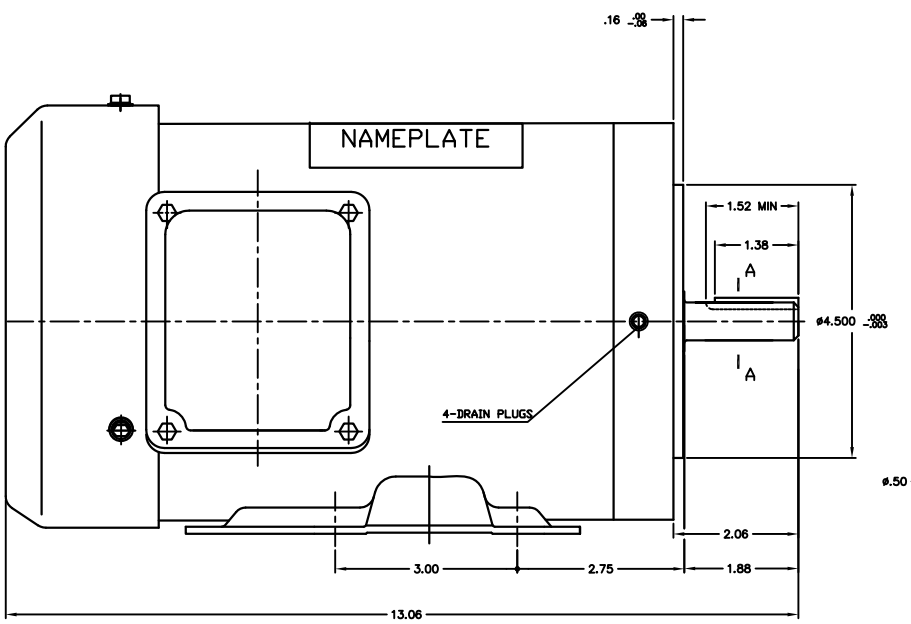
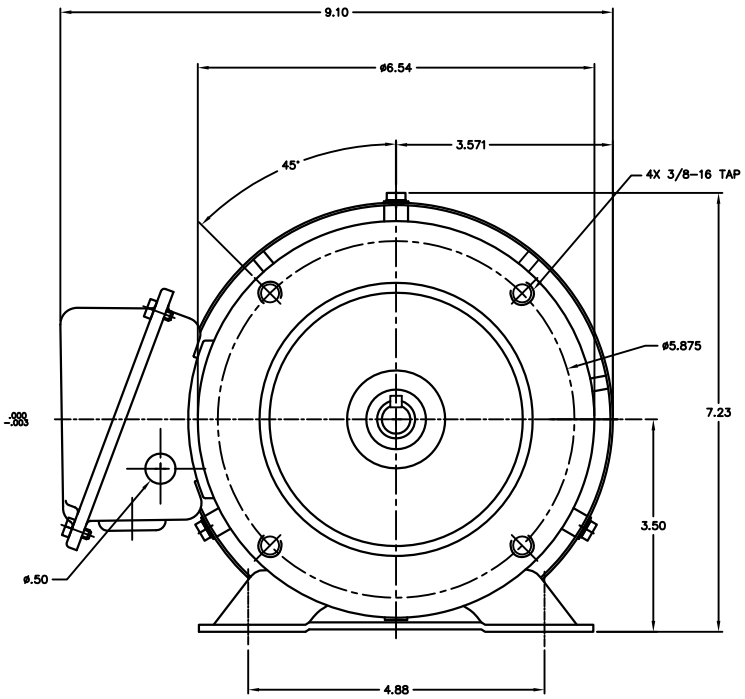
MOTOR SPECS/PERFORMANCE DATA	
MODEL NUMBER	YXN5684D
HP	2.0
VOLT	208-230/460
PHASE	3
HZ	60
RATED SPEED	1750 RPM
FLA (@460VOLTS)	2.85 AMPS
FRAME	56C
ENCLOSURE	TEFC
IP RATING	55
INS CLASS	F
EFFICIENCY	86%
POWER FACTOR	.78
FULL LOAD TORQUE	8.2 Nm (6.05 ft-Lbs)
MAX TORQUE	23 Nm (16.98 ft-Lbs)
START AMPERAGE	22 Amps
SERVICE FACTOR	1.15
RATING @	40 °C AMBIENT
USABLE AMPS @208V	5.20
LOCKED ROTOR CODE	K
NEMA DESIGN CODE	B
LR KVA CODE	K
NO LOAD CURRENT	1.8 AMPS
LINE-LINE RESIST@25C	7 OHMS
TEMP RISE C@FL	65°C
LOCKED ROTOR TORQ	26.5 Nm(19.55 FT-LBS)
TEMP RISE @SF LOAD	75°C
SHIPPING WEIGHT (LBS)	49
DUTY	CONTINUOUS

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

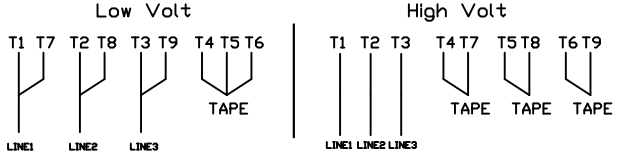


SECTION A-A





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.

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APPLICABLE SPECIFICATIONS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES	APPROVALS	SIGNATURE	DATE	SMC North America
		DRAWN BY:	Phillip Keller	11/10/09	MOTOR, 2 HP, SS, 3 PH, 56C, FOOTED, YXN5684D
		CHECKED BY:			
MATERIAL N/A		APPROVED BY:			SIZE D | PART NO. 002847-06 | DRAWING NO. 002847-06 | REV A
PROTECTIVE/DECORATIVE FINISH N/A		FILENAME: WS002847-06D			SCALE 1/1 | DO NOT SCALE DRAWING | SHEET 1 OF 1