

PRODUCT INFORMATION PACKET



Model No: LM60049

Catalog No: LM60049

..40HP..3600RPM.324TS.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

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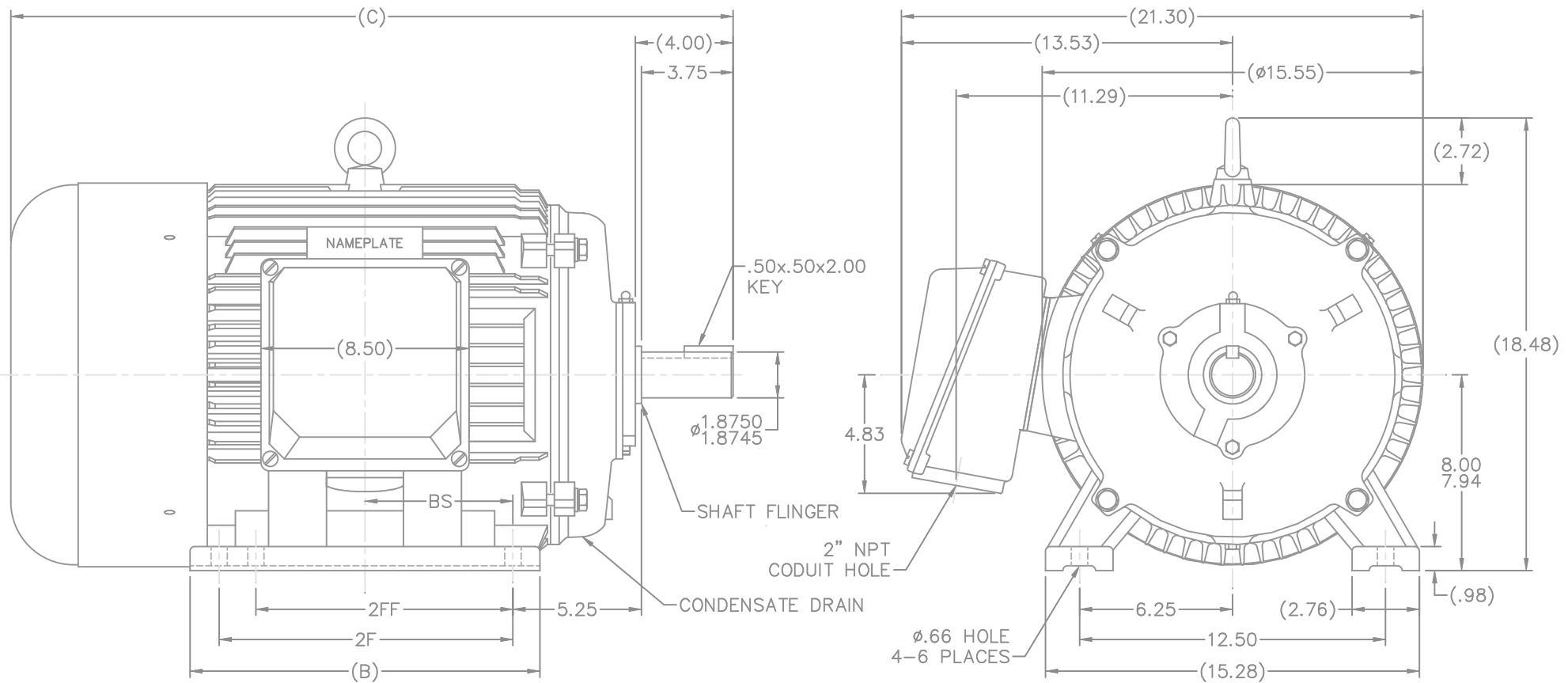
Nameplate Specifications

Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	208-230/460 & 190/380 V
Speed	3555 & 2960 rpm	Service Factor	1.15 & 1.15
Frame	324TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	99-90/45 & 81/40.5 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		


Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	TS
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1
Outline Drawing	16954260LN	Connection Drawing	004172.03

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1516	326TS	29.53	--	14.30	12.00	--	--	6.04
1366	324TS	3803	--	12.80	--	10.50	--	5.29
DASH	FRAME	C	AG	B	2F	2FF	2FFF	BS

				TOLERANCES UNLESS SPECIFIED		DRAWN CTO 08-21-2002
			DEC.	INCHES		CHK ML 08-21-2002
			.X	±.1		APPD SB 08-26-2002
			.XX	±.03		SCALE 1=4
			.XXX	±.005		REF
			.XXXX	±.0005		FMF
1	NEW DRAWING	CTO 08-27-2002		MAT'L	FINISH	PREV
NO.	REVISION	BY & DATE	CHK	ANG	±'30"	
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						CAD FILE 16954260LN
						SIZE B
						DRAWING NO. 169542-60LN
						PAGE OF 1
						REV. 1

WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION



HIGH VOLTAGE CONNECTION



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

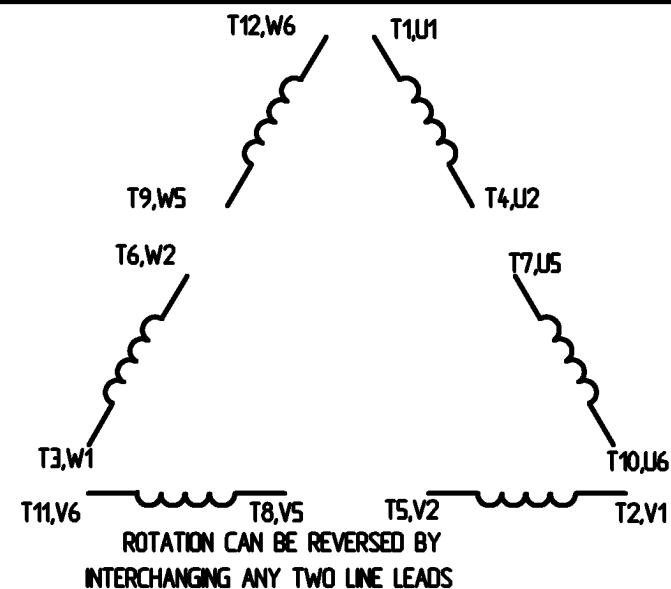
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

LINE LEADS



12 LEAD DELTA CONNECTION ACROSS THE LINE START (FOR Y START DELTA RUN, REMOVE THE JUMPERS)

LOW VOLTAGE
(MUST BE REWIRED
AS SHOWN)

HIGH VOLTAGE
(FACTORY WIRED FOR HIGH
VOLTAGE AS SHOWN)



				TOLERANCES UNLESS SPECIFIED		<div>LEESON</div> <div>ELECTRIC MOTORS GEARMOTORS AND DRIVES</div>	DRAWN C/W 08/28/02	
				DEC.	INCHES		CHK	
				X	± .1		APPO	
				XX	± .01		SCALE	1:1
				XXX	± .005		REF	
				XXXX	± .0005		FMF	
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				DST				A
				DRAWING NO. 004172-03				REV.

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