

PRODUCT INFORMATION PACKET



Model No: LM60068

Catalog No: LM60068

..150HP..1800RPM.445T.TEFC.460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.....

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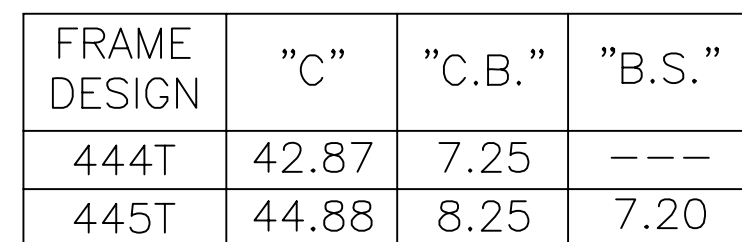
Nameplate Specifications

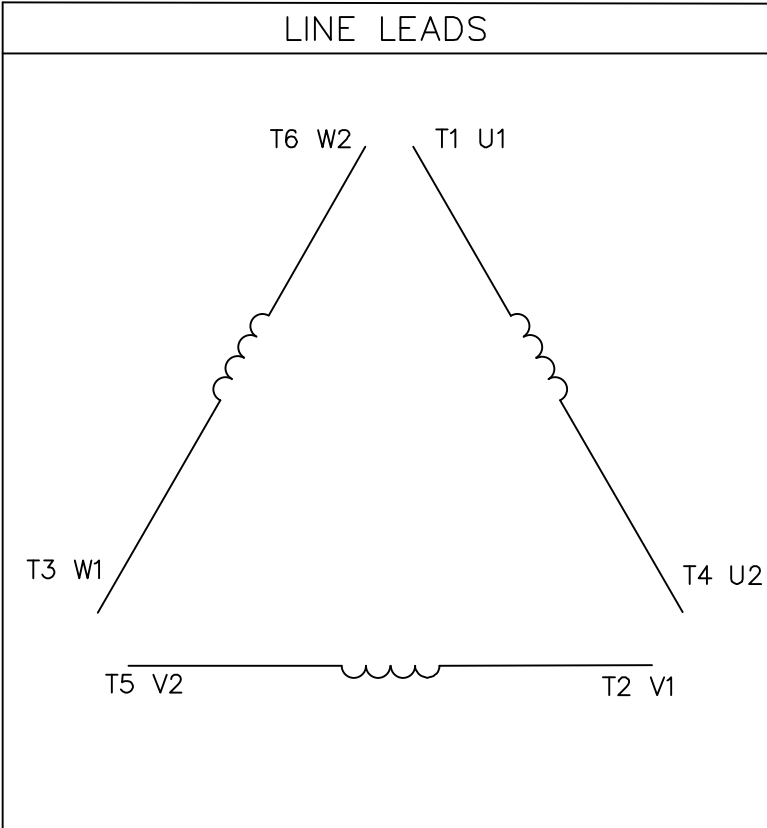
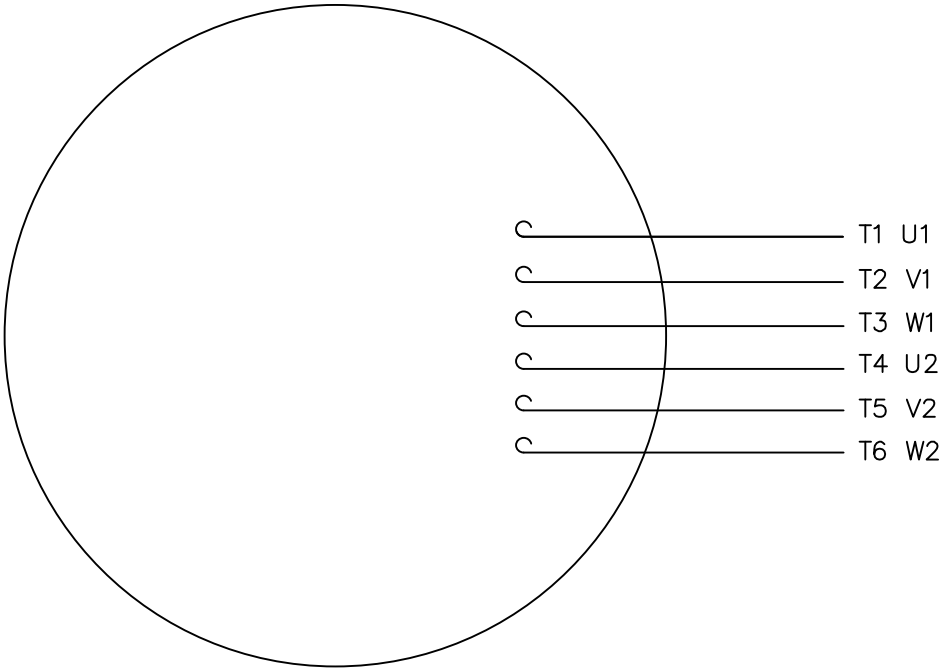
Phase	3	Output HP	150 & 125 Hp
Output KW	112.0 & 93.0 kW	Voltage	460 & 380 V
Speed	1790 & 1490 rpm	Service Factor	1.15 & 1.0
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95.8 & 95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	164 & 165 A	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6317
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	4	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1
Outline Drawing	16954760	Connection Drawing	005190.01LN

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	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS SPECIFIED				DRAWN TJW 5/21/2009	
				DEC.	INCHES			CHK CTO 5/21/2009	
				.X	±.1			APPD SB 5/21/2009	
				.XX	±.01			SCALE 1=1	
				.XXX	±.005			REF	
01	ADDED IEC DESIGNATIONS	MOL 04/27/12		.XXXX	±.0005	TITLE EXTERNAL WIRING DIAGRAM STAR START – DELTA RUN		MAT'L. Y-CONNECTED START – DELTA CONNECTED RUN	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH SINGLE VOLTAGE		PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT				RFP	5/21/2009	CAD FILE 00519001LN		SIZE	DRAWING NO.
				DIST				A	005190-01LN
								REV.	