

PRODUCT INFORMATION PACKET



Model No: LM15123
Catalog No: LM15123
200 HP Special Voltage Motor, 3 phase, 1800 RPM, 575 V, 445T Frame, TEFC
Special Voltage Motors

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Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	575 V
Current	182.0 A	Speed	1788 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6315
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		


Technical Specifications

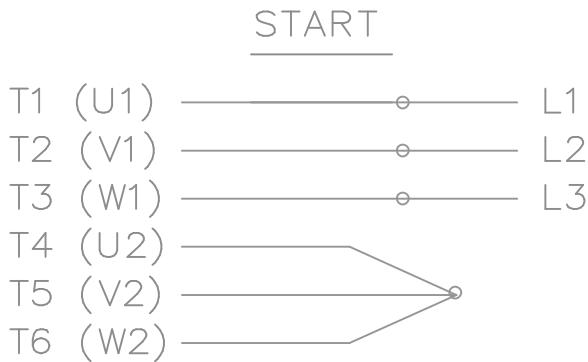
Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.0117 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	43.58 in
Frame Length	23.91 in	Shaft Diameter	3.375 in
Shaft Extension	8.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	XK2F1SS1-2317	Connection Drawing	A-EE7340-LN

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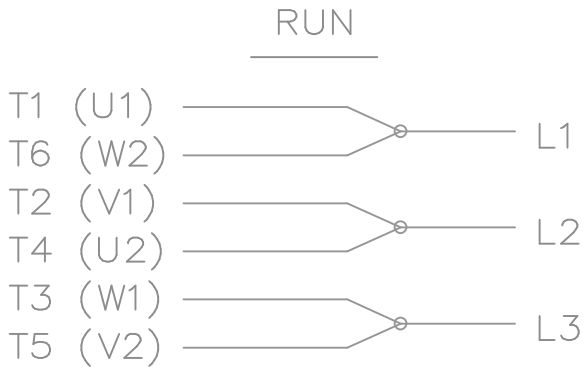
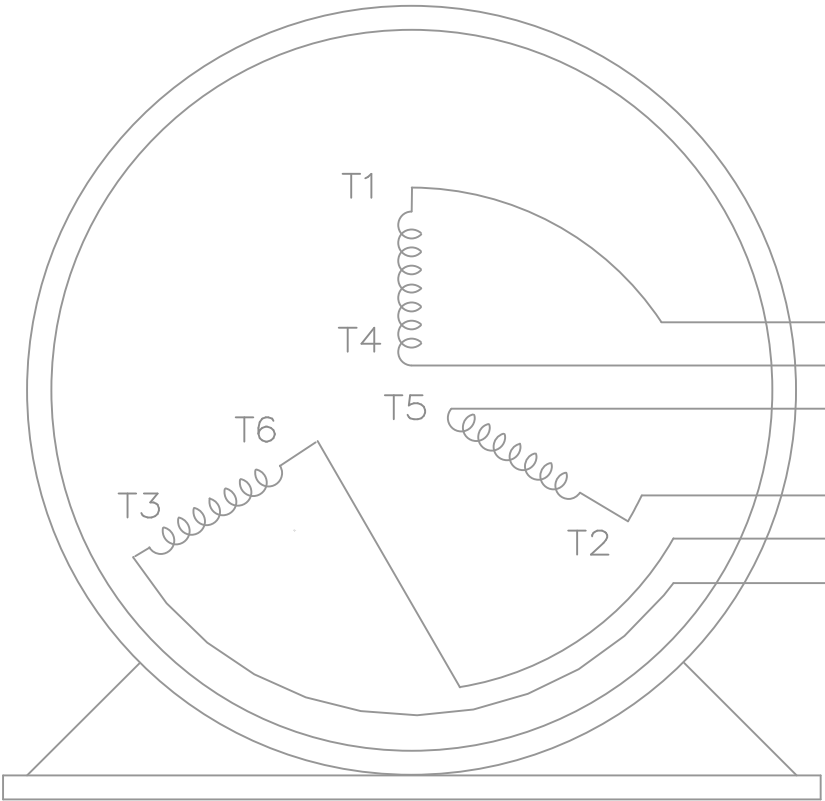
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

2117	444T	41.58	--	18.00	14.50			14.62
2317	445T	43.58	--	20.00	16.50	14.50	14.50	16.64
2667	447T	47.08	--	23.50	20.00	16.50	16.50	20.14
3167	449T	52.08	--	28.50	25.00	20.00	20.00	25.14
DASH	FRAME	C	AG	B	2F	2FF	2FFF	BS

7	CORRECTED NEMA DIMENSIONS	CN09-1257	TJW 4/15/2009	CTO	TOLERANCES UNLESS SPECIFIED		DRAWN MSG 09-19-2001
6	REDRAWN IN SOLIDWORKS		RWR 2/19/2009	TB	DEC. INCHES		CHK ML 09-21-2001
5	REPLACED BLOWER SHROUD PER ISAAC 08-5529		MSG 01-06-2009	MSG.	X ±.1		APPD HNH 09-24-2001
4	CORRECTED C'BOX PER MU60939		CTO 09-09-2004	HNH	.XX ±.03		SCALE 1=6
3	ADDED DRAIN PLUG PER BRACKET CHANGE CN 37358	MSG 05-07-2004	ML	.XXX ±.005	TITLE OUTLINE NEMA MOTORS 440T TEFC UEI		REF
2	DRAWING REPLACES 3XSF126FSK-1	CN 34258	TJB 10-01-2001		.XXXX ±.0005	MAT'L	FMF
NO.	REVISION	BY & DATE	CHK	ANG	± 7°30"	FINISH	PREV
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THREE PHASE — Y START
 Δ RUN MOTOR




T1 (U1)
 T4 (U2)
 T5 (V2)
 T2 (V1)
 T6 (W2)
 T3 (W1)

T6CK
 T6BM
 T4CC
 T2DL
 T4C

NOTE:
 IEC LEAD MARKINGS ARE NOTED
 IN PARENTHESES

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 10-04-1999			
				DEC.	INCHES		CHK DRS 10-04-1999			
				.X	±.1		APPD TB 10-04-1999			
3	REVISED TO MATCH M.E. ORIGINAL	TAT 07-25-2005	ML	.XX	±.02	TITLE CONNECTION DIAGRAM 3ø – WYE START DELTA RUN	SCALE 1=1			
2	REVISED DRAWING MISTAKE CN 29200-2980	ERH 05-15-2003	ML	.XXX	±.005		REF			
1	NEW DRAWING	BLR 10-09-1999		.XXXX	±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
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