

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5011LXVFS6579
Catalog No: Y935
350,1200,TEFC,5011LX(BAR),3/60/2300/4000
Medium And High Voltage NEMA



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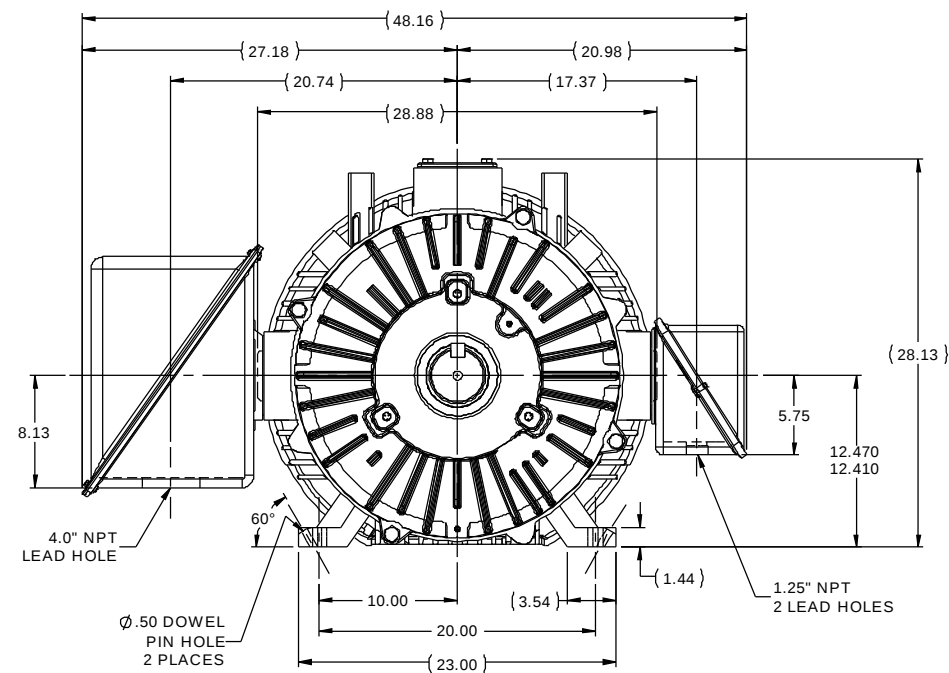
REGAL

Nameplate Specifications

Output HP	350 Hp	Output KW	260 kW
Frequency	60 Hz	Voltage	2300/4000 V
Current	81.5/47 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Duty	CONTINUOUS
Insulation Class	H	Design Code	B
KVA Code	G	Frame	5011LX
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6324
Opp Drive End Bearing Size	6318	UL	No
CSA	Y	CE	N
IP Code	55		

Technical Specifications

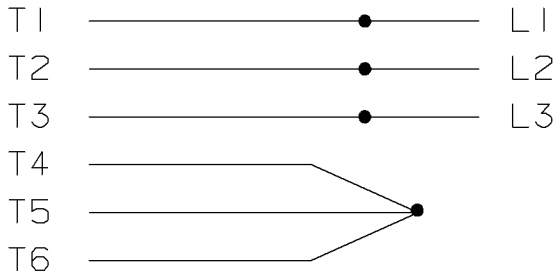
Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	6	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	LX
Overall Length	73.8 in	Frame Length	49.5 in
Shaft Diameter	3.88 in	Shaft Extension	12.3 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS518707-4950	Connection Diagram	A-EE7304AC



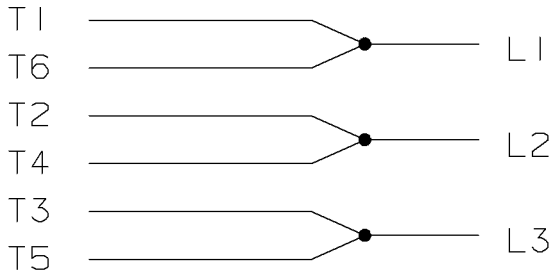
1. MAIN CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. AUX. CONDUIT BOX CAN BE ROTATED 180°.
3. NAMEPLATES TO BE READ FROM MAIN CONDUIT BOX SIDE OF MOTOR.
4. MOTOR WEIGHT (MAXIMUM) = 5,500 LBS.

				TOLERANCES UNLESS SPECIFIED				DRAWN HLB 09-07-2001	
4	REDRAWN IN SOLIDWORKS -FIXED BS DIM PER ECO-0036077	JHA 08-30-2013	DJK	DEC	INCHES			CHK	ML 09-19-2001
3	ADDED .50" MATERIAL TO C'BOX MTG. AREA, 48.08 WAS			X	±.1			APPR	GK 09-19-2001
	47.58, 27.18 WAS 26.68, 20.75 WAS 20.25 CN 37629	MSG 02-26-2004	ML	XX	±.03	TITLE OUTLINE - TEFC - F1/F2/F3 MOUNT		SCALE	1:9
2	ADDED MISSING FOOT DIMENSIONS CN 34303	HLB 11-06-2001		XXX	±.005	5009-12LX FR. - CAST CONDUIT BOX		REF	
1	NEW DRAWING - DEV ENG CN 4303	HLB 09-19-2001		XXXX	±.0005	MAT'L		FMF	
NO	REVISION	BY & DATE	CHK	ANG	±7.30"	FINISH		PAGE	OF
THIRD ANGLE PROJECTION		RFP		PREV		SIZE	DRAWING NO	REV	
		NETWORK FILE NAME		SS518707		B	SS518707		

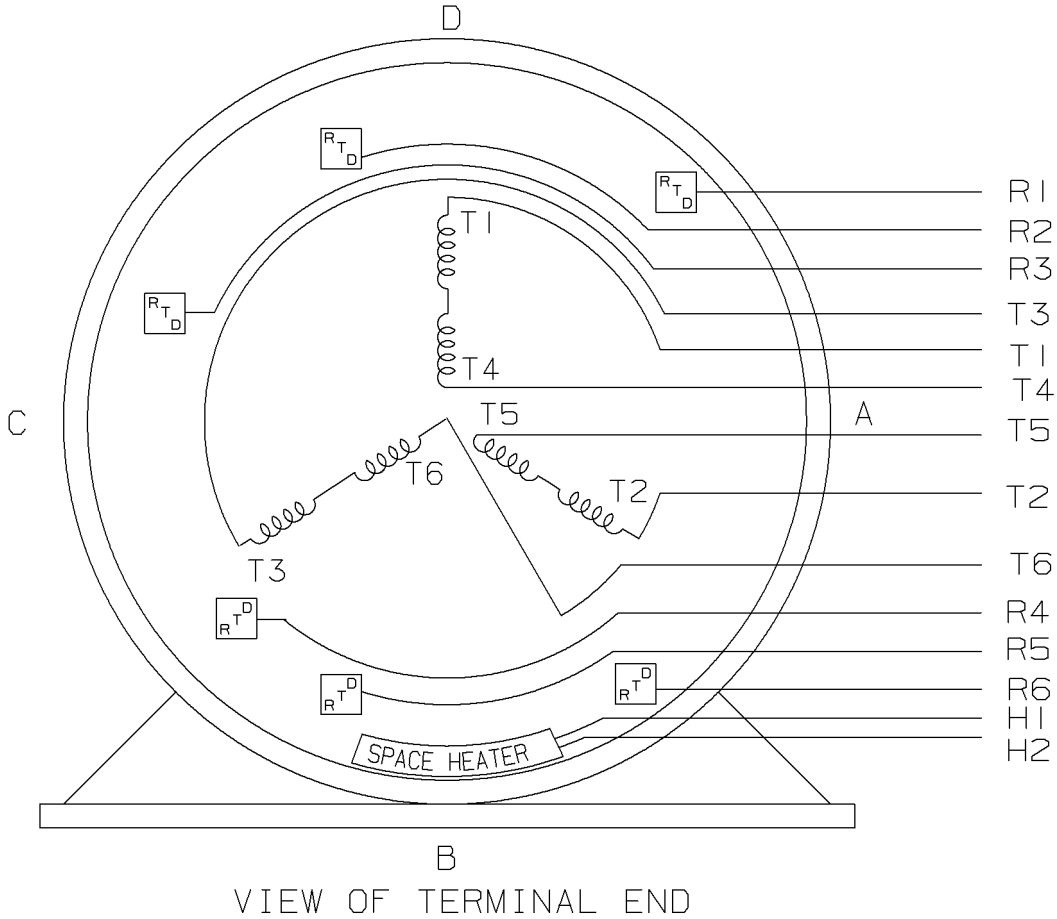
HIGH VOLTAGE
"Y" CONNECTION



LOW VOLTAGE - DELTA



THREE PHASE - DUAL VOLTAGE
WITH 6 RTD'S 2 PER PHASE AND SPACE HEATER



			☒ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±		
			MATL SPEC		DRAWN BY CAE 05-07-1999		
			FINISH		CHKD BY		
NEW DRAWING			CAE		APPD BY		
MU 25017			PART NAME CONNECTION DIAGRAM - THREE PHASE DUAL VOLTAGE 6 RTD'S & SPACE HEATER		DRWG NO A- EE7304AC		
REV	DATE	CHANGE	NAME		CADD FILE NO. EE7304AC		

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

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CERTIFICATION DATA SHEET

Model#: 5011LXVFS6579 DE **WINDING#:** V511630 NONE 0
CONN. DIAGRAM: A-EE7304AC **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: B-SS518707-4950

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
350	260	1200	1190	5011LX	TEFC	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	2300/4000	81.5/47	ACROSS THE LINE	CONTINUOUS	H	1.15	40	3300

FULL LOAD EFF: 95.8	3/4 LOAD EFF: 95.8	1/2 LOAD EFF: 95	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83	3/4 LOAD PF: 79	1/2 LOAD PF: 69	95.4	SQ CAGE IND RUN	32 / 18.4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1545 LB-FT	510 / 293.3	1650 LB-FT 107	3600 LB-FT 233	75

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	340 LB-FT^2	- LB-FT^2	20 SEC.	-	4700 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	NONE	FALSE	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	SHC-100/POLYREX	LX	NONE	NONE	4140 STRESSPROOF (C-214)	CAST IRON
6324	6318						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	PLATINUM TWO PER PHASE 100	NONE	NONE	FALSE	120 VOLTS

If Inverter equals NONE, contact factory for further information

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 05:33:10 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

