

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 100LTFC4526

Catalog No: R322

Cast Iron Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 100L Frame, TEFC



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RegalRexnord

Nameplate Specifications

Phase	3	Output HP	3 & 3 Hp
Output KW	2.2 & 2.2 kW	Voltage	230/460 & 200/400 V
Speed	1755 & 1450 rpm	Service Factor	1.15 & 1.0
Frame	100L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	88.5 & 86.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8/4 & 9.2/4.6 A	Power Factor	79.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	3.58 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	17.12 in
Shaft Diameter	1.111 in	Shaft Extension	2.36 in
Assembly/Box Mounting	F3		
Connection Drawing	00546501ME	Outline Drawing	SS620006-100L

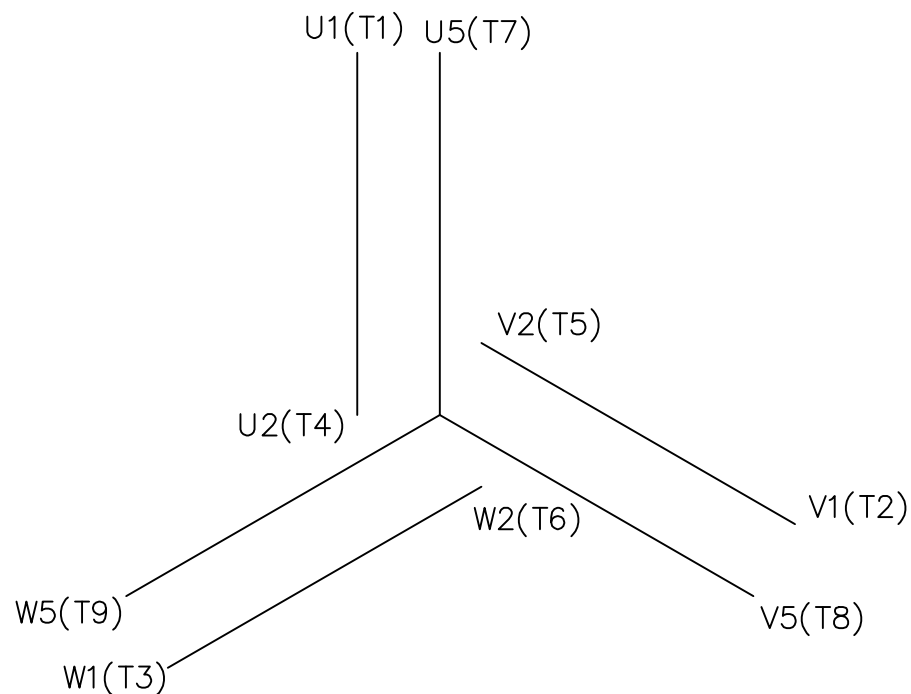
FRAME	B	
100L	140	

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/im
-savelevel-




REF. DECAL (IEC) 080644
REF. DECAL (NEMA) 080446

IEC MARKINGS

LOW VOLTAGE				HIGH VOLTAGE		
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	U1, U5	V1, V5	W1, W5	---	U2, V2, W2	---
HIGH	U1	V1	W1	U2, U5	V2, V5	W2, W5

NEMA MARKINGS

LOW VOLTAGE				HIGH VOLTAGE		
LINE VOLTAGE	L1	L2	L3	JOIN		
TERMINAL	U1	V1	W1	W2	U2	V2
LOW	T1, T7	T2, T8	T3, T9	---	T4, T5, T6	---
HIGH	T1	T2	T3	T4, T7	T5, T8	T6, T9

				TOLERANCES UNLESS SPECIFIED		 MARATHON ELECTRIC	DRAWN JGO 3/10/04			
				DEC.	INCHES		CHK SB 02-17-2010			
				.X	±.1		APPD MJS 02-17-2010			
				.XX	±.01		SCALE 1=1			
				.XXX	±.005		REF			
				.XXXX	±.0005		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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			DIST				A	005465ME-01		