

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 080T17FH5414

Catalog No: R373

1 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 80 Frame, TEFC
Aluminium TEFC Motors



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REGAL

Nameplate Specifications

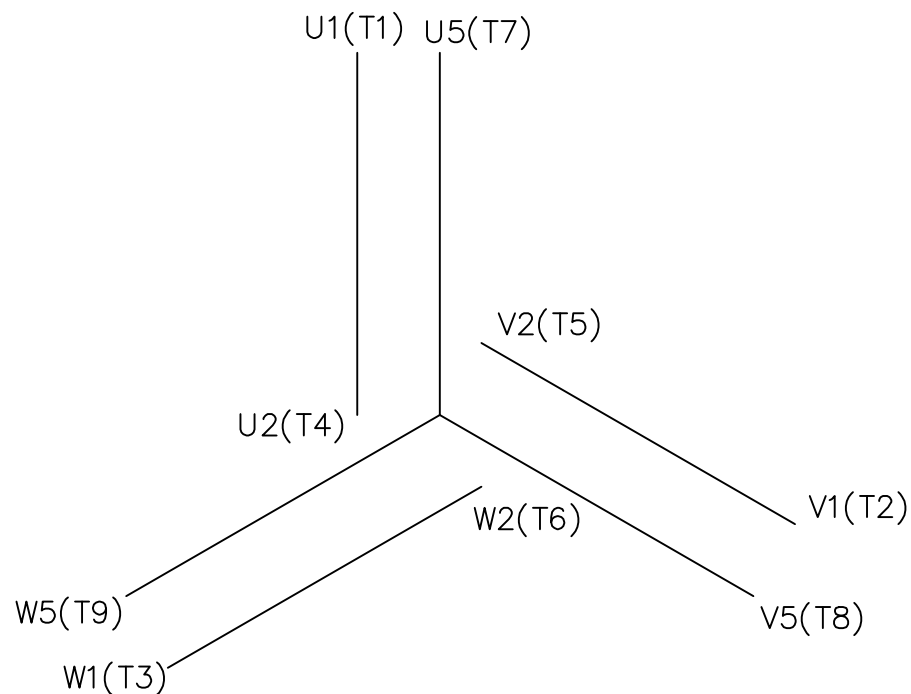
Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	230/460 V
Current	3.2/1.6 A	Speed	1725 rpm
Service Factor	1.15	Phase	3
Efficiency	80 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Frame	80	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6204	Opp Drive End Bearing Size	6204
UL	Recognized	CSA	Y
CE	Y	IP Code	55

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	3.18 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	IEC	Overall Length	11.10 in
Frame Length	5.31 in	Shaft Diameter	0.750 in
Shaft Extension	1.57 in	Assembly/Box Mounting	F3

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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			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	MAT'L. IEC/NEMA MARKINGS	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH	PREV		
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