

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 449TVFS6542
Catalog No: Y902
250,1800,TEFC,449T(BAR),3/60/2300/4000



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RegalRexnord

Nameplate Specifications

Technical Specifications

Shaft Diameter	3.375 in
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Data Sheet

Date: 29-06-2017
Customer: _____
Attention: _____
Submitted by: FAREEDA DUDEKULA



449TVFS6542

Submittal

Data @ **4000 V**

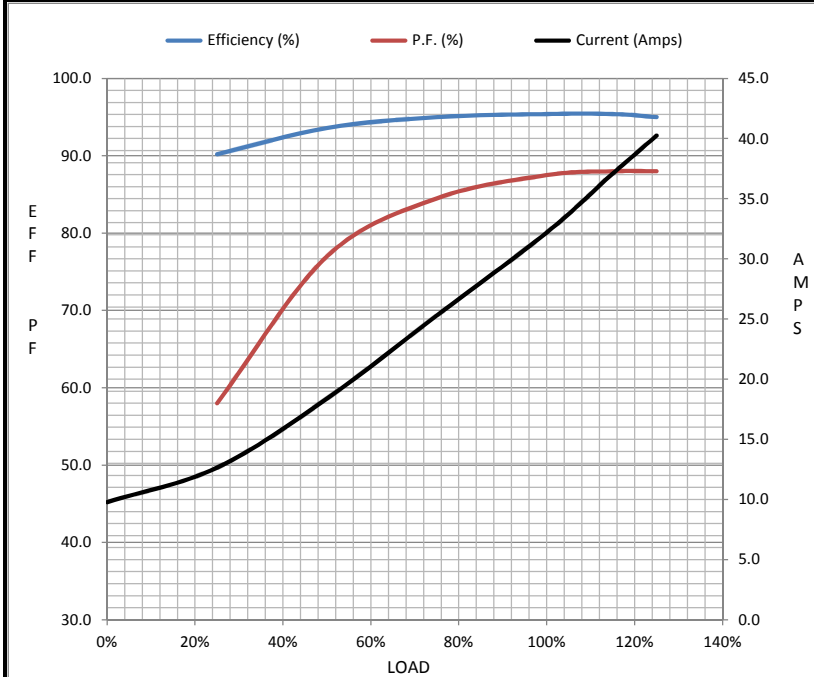
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	9.8	12.7	18.4	25.3	32.2	37.1	40.3	207
Torque (ft-lb)	0.00	183	366	550	735	846	922	775
RPM	1800	1796	1794	1790	1788	1,786	1784	0
Efficiency (%)		90.2	93.6	95.0	95.4	95.4	95.0	
P.F. (%)	7.0	58.0	77.0	84.5	87.5	88.0	88.0	19.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1725	1788	1800
Current (Amps)	207	173	106	32.2	9.8
Torque (ft-lb)	775	725	2,000	735	0.00

Information Block	
HP	250.0
Sync. RPM	1800
Frame	449
Enclosure	TEFC
Construction	TFN
Voltage	2300/4000 V
Frequency	60 Hz
Design	A
LR Code letter	G
Service Factor	1.15
Temp Rise @ FL	75 ° C
Duty	CONT
Ambient	40 ° C
Elevation	1,000 feet
Rotor/Shaft wk ²	110 Lb-Ft ²
Ref Wdg	V4494104 NONE
Sound Pressure @ 1M	88 dBA
VFD Rating	NONE
Outline Dwg	B-SS516690-2875
Conn. Diag	A-EE7304
Additional Specifications:	
0	
365THFS8036	
EQUIV CKT (OHMS / PHASE)	
R1	R2
0.7820	0.5670
X1	X2
7.9890	11.0810
Xm	
	230.7220



Speed - Torque Curve

