

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 182TTFW16026-000029
Catalog No: 182TTFW16026-000029
3,1460,TEFC,182T,3/50/208/415

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E

The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

Nameplate Specifications

Technical Specifications

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/01/2024

Data Sheet

Date: 9/6/2024
Customer: _____
Attention: _____
Submitted by: VESHNU G



Submittal
 Data @ 208/415 V

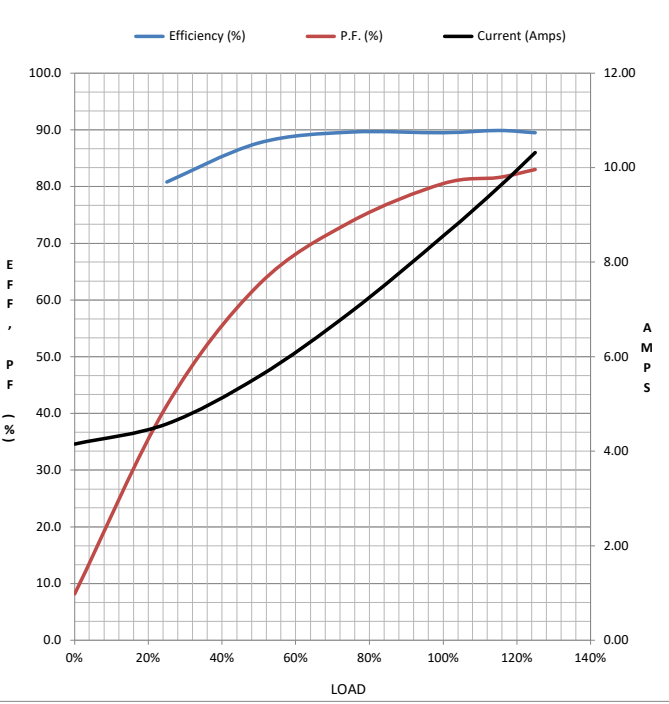
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	4.2	4.6	5.6	7.0	8.6	9.6	10.3	78.1
Torque(ft-lb)	0.00	2.20	4.4	6.6	8.9	10.3	11.2	22.5
RPM	1800	1792	1785	1777	1770	1,766	1755	0
Efficiency (%)		80.8	87.7	89.6	89.5	89.9	89.5	
P.F. (%)	8.2	41.4	62.7	73.8	80.5	81.6	83.0	0

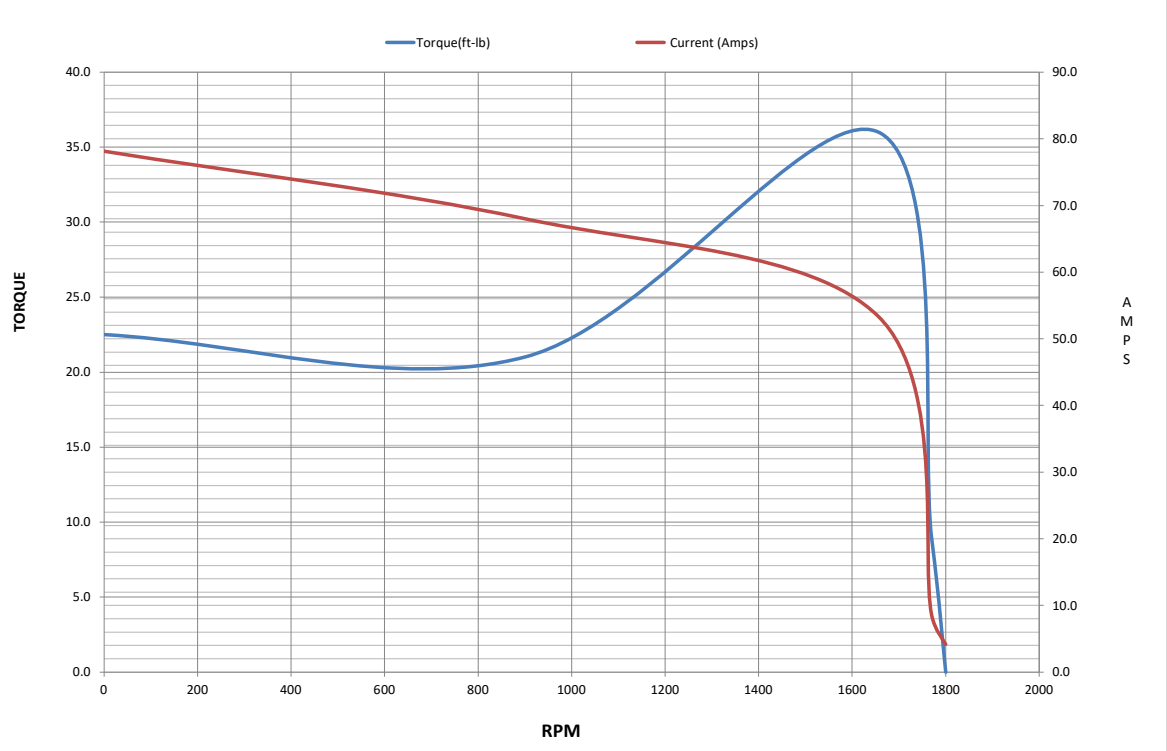
Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1770	1800
Current (Amps)	78.1	68.0	53.4	8.6	4.2
Torque(ft-lb)	22.5	21.0	36.0	8.9	0.00

Information Block				
HP	3.0			
Sync. RPM	1800			
Frame	182T			
Enclosure	TEFC			
Construction	TFW			
Voltage	208/415 V			
Frequency	60 Hz			
Design	B			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	40 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	3,300 feet			
Rotor/Shaft wk ²	0.38 Lb-FT ²			
Ref Wdg	T84174 FR			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NA			
Outline Dwg				
Conn. Diag				
Additional Specifications:				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!



Speed - Torque Curve



Data Sheet

Date: 9/6/2024
Customer: _____
Attention: _____
Submitted by: VESHNU G



Submittal
 Data @ 208/415 V

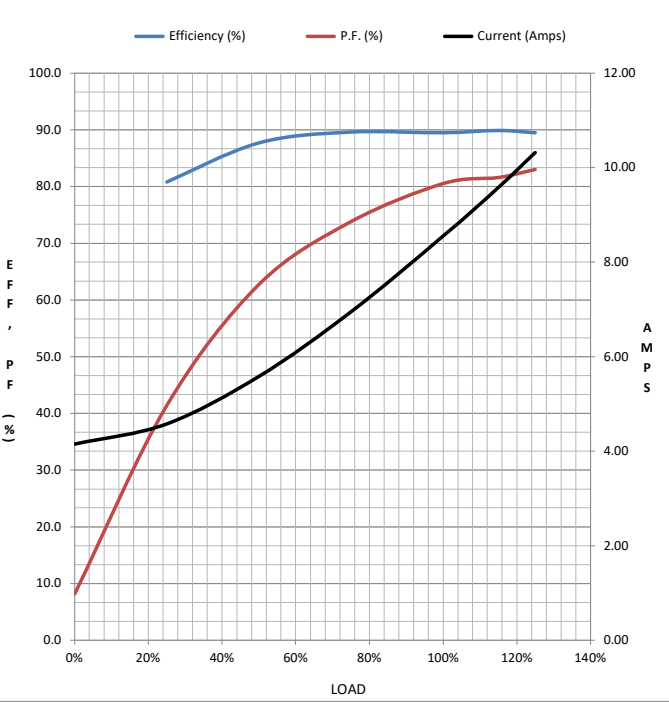
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	4.2	4.6	5.6	7.0	8.6	9.6	10.3	78.1
Torque(ft-lb)	0.00	2.20	4.4	6.6	8.9	10.3	11.2	22.5
RPM	1800	1792	1785	1777	1770	1,766	1755	0
Efficiency (%)		80.8	87.7	89.6	89.5	89.9	89.5	
P.F. (%)	8.2	41.4	62.7	73.8	80.5	81.6	83.0	0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1656	1770	1800
Current (Amps)	78.1	68.0	53.4	8.6	4.2
Torque(ft-lb)	22.5	21.0	36.0	8.9	0.00

Information Block	
HP	3.0
Sync. RPM	1800
Frame	182T
Enclosure	TEFC
Construction	TFW
Voltage	208/415 V
Frequency	60 Hz
Design	B
LR Code letter	K
Service Factor	1.15
Temp Rise @ FL	40 °C
Duty	CONT
Ambient	40 °C
Elevation	3,300 feet
Rotor/Shaft wk ²	0.38 Lb-FT ²
Ref Wdg	T84174 FR
Sound Pressure @ 1M	999 dBA
VFD Rating	NA
Outline Dwg	
Conn. Diag	
Additional Specifications:	
EQUIV CKT (OHMS / PHASE)	
R1	R2
X1	X2
Xm	
#VALUE!	#VALUE!
#VALUE!	#VALUE!
#VALUE!	#VALUE!
#VALUE!	#VALUE!
#VALUE!	#VALUE!



Speed - Torque Curve

