

PRODUCT INFORMATION PACKET

Model No: 256TTDR16026
Catalog No: E197A
20,1800,DP,256JM,3/60/230/460
JM



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Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	230/460 V
Current	49.0/24.5 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	G	Frame	256JM
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6207	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	JM
Overall Length	21.89 in	Shaft Diameter	1.625 in
Shaft Extension	5.28 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	610-0013	Connection Diagram	80022802

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Data Sheet

Date: 19-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



256TTDR16026

Submittal

Data @ 460 V

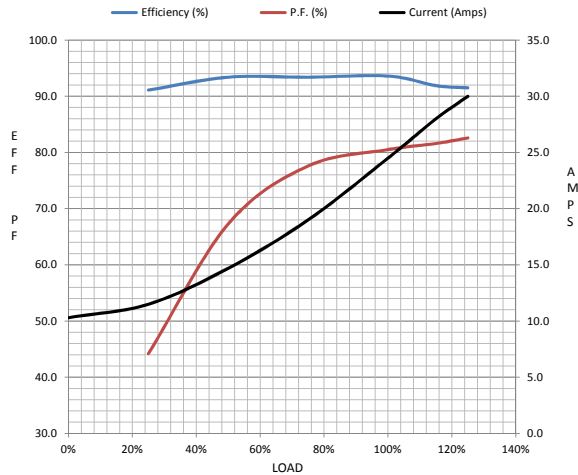
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	10.3	11.5	14.7	19.0	24.5	28.0	30.0	140
Torque (ft-lb)	0.00	14.5	29.0	43.5	58.0	66.7	72.5	115
RPM	1800	1792	1786	1777	1770	1,765	1755	0
Efficiency (%)		91.1	93.4	93.4	93.6	91.9	91.5	
P.F. (%)	6.1	44.2	67.3	77.6	80.5	81.6	82.6	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	885	1656	1770	1800
Current (Amps)	140	135	84.0	24.5	10.3
Torque (ft-lb)	115	113	160	58.0	0.00

Information Block				
HP	20.0			
Sync. RPM	1800			
Frame	256			
Enclosure	DP			
Construction	TDR			
Voltage	30/460#190/38V			
Frequency	60 Hz			
Design	B			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	35 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.00 Lb-Ft²			
Ref Wdg	BHR4T01 NONE			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NONE			
Outline Dwg	610-0013			
Conn. Diag	80022802			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed -Torque Curve

