

PRODUCT INFORMATION PACKET

Model No: 256TTDR16029

Catalog No: M818B

Vertical Pump Motor, 20 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 256HPV Frame, DP

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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	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	81.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	D
Frame	256HPV	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	HP	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	TBD	Connection Drawing	80022802

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Data Sheet

256TDR16029

Date: 11/30/2018
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



Submittal

Data @ 460 V

Motor Load Data

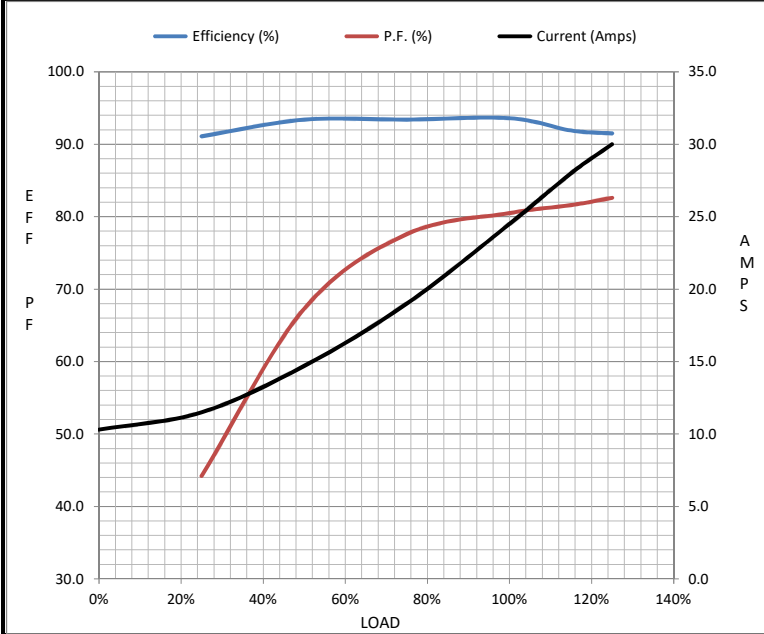
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	10.3	11.5	14.7	19.0	24.5	28.0	30.0	140
Torque (ft-lb)	0.00	14.5	29.0	43.5	58.0	66.7	72.5	115
RPM	1800	1792	1786	1777	1770	1,765	1755	0
Efficiency (%)		91.1	93.4	93.4	93.6	91.9	91.5	
P.F. (%)	6.1	44.2	67.3	77.6	80.5	81.6	82.6	0.0

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	230/460 V			
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 wk ²	0.00 Lb-Ft ²			
Ref Wdg	BHR4T01 NONE			
Sound Pressure @ 1M	0 dBA			
VFD Rating	NONE			
Outline Dwg	TBD			
Conn. Diag	80022802			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

