

PRODUCT INFORMATION PACKET

Model No: 182TTWW16002

Catalog No: N634

PowerWash™ XT Wash Down Duty™ General Purpose Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz,
230/460 & 190/380 V, 3600 & 3000 RPM, 182TC Frame, TEFC



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Nameplate Specifications

Phase	3	Output HP	3 & 3 Hp
Output KW	2.2 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3515 & 2885 rpm	Service Factor	1.25 & 1.25
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.6/3.8 & 9/4.5 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.76 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	14.97 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	035622-950

Data Sheet

Date: 1/4/2019
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



182TTWW16002

Submittal
 Data @ 460 V

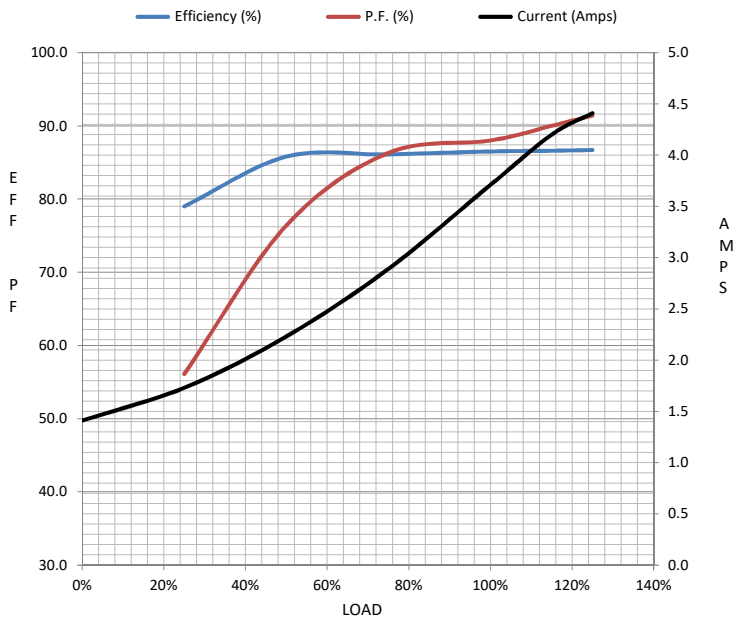
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.41	1.73	2.23	2.89	3.7	4.2	4.4	34.0
Torque (ft-lb)	0.00	1.20	2.30	3.4	4.5	5.2	5.6	12.0
RPM	3600	3580	3562	3542	3521	3510	3498	0
Efficiency (%)		79.0	85.8	86.1	86.5	86.6	86.7	
P.F. (%)	17.3	56.1	76.4	86.3	88.0	90.0	91.4	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	2700	3521	3600
Current (Amps)	34.0	31.3	20.4	3.7	1.41
Torque (ft-lb)	12.0	11.5	16.5	4.5	0.00

Information Block				
HP	3.0			
Sync. RPM	3600			
Frame	182			
Enclosure	TEFC			
Construction	TFR			
Voltage	230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	K			
Service Factor	1.25			
Temp Rise @ FL	45 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	3,300 feet			
Rotor/Shaft wk ²	0.33 Lb-Ft ²			
Ref Wdg	T8290 FR			
Sound Pressure @ 1M	79 dBA			
VFD Rating	NONE			
Outline Dwg	035622-950			
Conn. Diag	005010.01ME			
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

