

Washdown Motors

Model No: 184TTWW6001

Catalog No: 132200.00M

Washdown Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 184TC Frame, TEFC

Product Information Packet: Model No: 184TTWW6001, Catalog No: 132200.00M Washdown Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 RPM, 184TC Frame, TEFC

Nameplate Specifications

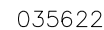
Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3495 & 2920 r/min	Synchronous RPM	3600 & 3000 r/min
Service Factor	1.15 & 1.00	Frame	184TC
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	88.5 & 87.5 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	12/6 & 9.2/4.6 A
Power Factor	89.5	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	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 Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Selective Clockwise
Resistance Main	2.32 O	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	9.5 in	Shaft Diameter	1 1/8 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 Only
Inverter Load	Constant 10:1		

Drawings

Connection Drawing	005010.01ME	Outline Drawing	035622-950
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			TOLERANCES UNLESS SPECIFIED				DRAWN YS 01/29/08	
			DEC.	INCHES			CHK	
			X	±.1			APPD	
G	WARNING DECAL REMOVED NMR-0235355	DKB1/18/2024	.XX	±.03	TITLE		SCALE	1=2
F	ITEM #850 ADDED IN TABLE	PVR 02/20/14	GR	.XXX	OUTLINE - 180TC FRAME TEFC - RIGID "C"		REF	
E	WARNING DECAL ADDED PER ECO-0045263	UD 02/10/14	GR	.XXXX	MAT'L		FMF	
NO.	REVISION	BY & DATE	CHK	ANG	FINISH		PREV	
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Data Sheet

Date: 15-06-2017

Customer:

Attention:

Submitted by: FAREEDA DUDEKULA

184TTWW6001



Submittal

Data @ 460 V

Motor Load Data

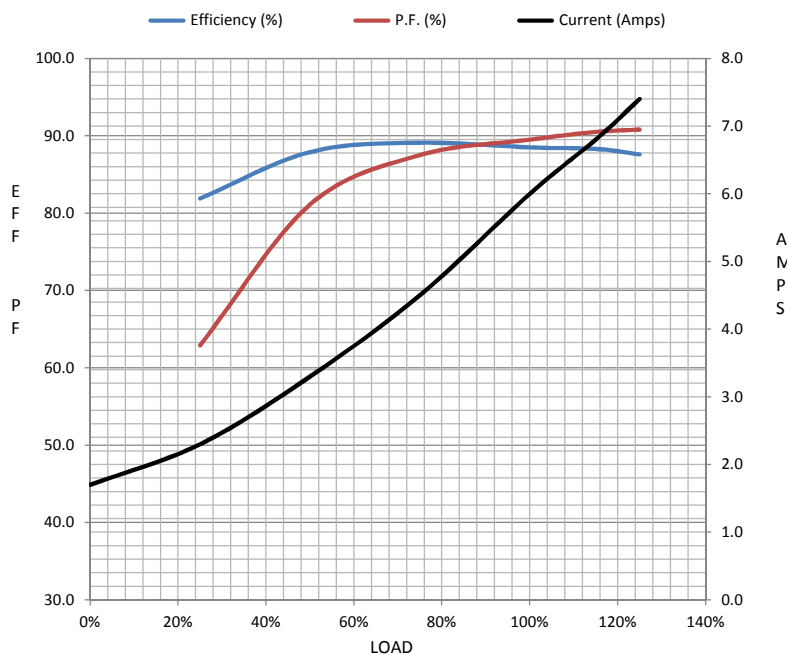
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	2.30	3.3	4.5	6.0	6.8	7.4	47.0
Torque (ft-lb)	0.00	1.80	3.7	5.6	7.5	8.7	9.5	16.0
RPM	3600	3576	3551	3526	3495	3,477	3463	0
Efficiency (%)		81.9	87.9	89.1	88.5	88.3	87.6	
P.F. (%)	14.8	62.9	81.1	87.5	89.5	90.5	90.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	2850	3495	3600
Current (Amps)	47.0	42.0	30.0	6.0	1.70
Torque (ft-lb)	16.0	14.0	26.0	7.5	0.00

Information Block

HP	5.0			
Sync. RPM	3600			
Frame	180			
Enclosure	TEFC			
Construction	TFW			
Voltage	230/460#190/38(V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	55 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.00 Lb-Ft²			
Ref Wdg	T82103 FR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	035622-950			
Conn. Diag	005010.01ME			
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

