

Data Sheet

Date: 1/7/2019

Customer: _____

Attention: _____

Submitted by: FAREEDA DUDEKULA

213TTFC6026



Submittal

Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	4.6	5.0	6.1	7.7	9.5	10.8	11.6	62.0	
Torque (ft-lb)	0.00	5.5	11.0	16.6	22.3	25.6	28.0	45.0	
RPM	1800	1792	1785	1775	1768	1,762	1758	0	
Efficiency (%)		85.5	90.2	91.7	91.7	91.4	91.0		
P.F. (%)	6.0	41.0	63.0	74.5	80.0	82.0	83.0	43.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle					
Speed (RPM)	0	900	1580	1768	1800					
Current (Amps)	62.0	56.0	35.0	9.5	4.6					
Torque (ft-lb)	45.0	38.0	59.0	22.3	0.00					

— Efficiency (%)

— P.F. (%)

— Current (Amps)

Load (%)	Efficiency (%)	P.F. (%)	Current (Amps)
25	85	2.0	4.5
50	90	6.5	6.0
75	92	9.5	8.0
100	91	10.5	10.0
125	90	10.8	12.5

HP	7.5			
Sync. RPM	1800			
Frame	213			
Enclosure	TEFC			
Construction	TFC			
Voltage	230/460#190/380	V		
Frequency	60	Hz		
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	40	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	3,300	feet		
Rotor/Shaft wk²	0.95	Lb-Ft²		
Ref Wdg	HE31324012	NONE		
Sound Pressure @ 1M	62	dBA		
VFD Rating	CONSTANT 10:1/VARIABLE 10:1			
Outline Dwg	B-SS620702			
Conn. Diag	A-EE7308			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.9110	0.5480	2.6610	3.0810	56.8890

Speed -Torque Curve

