



IE1

IEC

<b>MOTOR MODEL:</b>	BL3-AL-TF-80B35-4-B-D-1.5
<b>FACTORY TYPE:</b>	TM

## IE1 IEC Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	1.5
Speed, RPM	1700	1380
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	4.80/2.40	5.76/2.88
Power Factor	0.73	-
Nominal Efficiency	79.1	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	J	F
FL Amps. @ 208 V	4.95	-
LRC @ 60Hz HV	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	-	
Date Code	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	80B35		
Frame Enclosure	TEFC		
Mounting	B35		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	-		
Frame Material	Cast Aluminum		
Ingress Protection	55		
Tropicalization	true		
Cable Entry	1-M20X1.5		
Feet Removable	true		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	25.74		
MECHANICAL DATA			
DE Bearing	6204ZZ		
NDE Bearing	6204ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavey washer)	-		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque		-	-
Pull-Up Torque		-	-
Breakdown Torque		-	-
Full Load Torque		-	-
SITE CONDITIONS			
Ambient Temp °C		40	
Altitude Above Sea Level m		1000	

\*This report valid for above Date Code and newer models, please contact Techtop for more info.

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