



IE1

IEC

<b>MOTOR MODEL:</b>	BL3-AL-TF-80B3-4-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	YYY	
Coil Resistance	-	
Date Code	-	
<b>Load</b>		
	<b>Efficiency %</b>	<b>P.F.</b>
50%	-	-
75%	-	-
100%	-	-
<b>FULL LOAD TEMPERATURE RISE</b>		
FL Temp Rise °C	-	
<b>3D Image Link</b>		
Not available for this motor		

GENERAL DATA		
Frame Size	80	
Frame Enclosure	TEFC	
Mounting	B3	
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	
<b>MECHANICAL DATA</b>		
DE Bearing	6204ZZ	
NDE Bearing	6204ZZ	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-	
Comp Ring (wavy washer)	NDE	
<b>TORQUE VALUES</b>		
	<b>Torque lb-ft</b>	<b>% FLT</b>
Locked Rotor Torque	-	-
Pull-Up Torque	-	-
Breakdown Torque	-	-
Full Load Torque	-	-
<b>SITE CONDITIONS</b>		
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.