IE1

IEC

MOTOR MODEL:	BL3-AL-TF-71B35-2-B-D-.5
FACTORY TYPE:	TM

IE1 IEC Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	0.5	0.5
Speed, RPM	3390	2750
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	1.62/0.81	1.90/0.95
Power Factor	0.77	-
Nominal Efficiency	74.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	J	F
FL Amps. @ 208 V	1.66	-
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		

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

GENERAL DATA	
Frame Size	71B35
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-M16X1.5
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	11.44
MECHANICAL DATA	
DE Bearing	6202ZZ
NDE Bearing	6202ZZ
dB No-Load	-
Rotor Wk^2, $Lb\text{-}Ft^2$	-
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

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