IE3

IEC

MOTOR MODEL:	GR3-AL-TF-112MB3-2-B-D-7.5
FACTORY TYPE:	TAX

IE3 IEC Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	7.5	7.5
Speed, RPM	3510	2900
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	17.1/8.55	20.8/10.4
Power Factor	0.9	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	L	J
FL Amps. @ 208 V	18.9	-
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	112M
Frame Enclosure	TEFC
Mounting	B3
Insulation Class	F
Duty	Cont. / S1
NEMA Design	-
Frame Material	Cast Aluminum
Ingress Protection	55
Tropicalization	true
Cable Entry	2-M25X1.5
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	64.0
MECHANICAL DATA	
DE Bearing	6306ZZ
NDE Bearing	6206ZZ
dB No-Load	-
Rotor Wk², Lb-Ft²	-
Comp Ring (wavey washer)	NDE

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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