



IE3

IEC

MOTOR MODEL:	GR3-AL-TF-112MB35-6-B-D-3
FACTORY TYPE:	TAX

IE3 IEC Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	3.0	3.0
Speed, RPM	1175	970
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	8.94/4.47	10.3/5.15
Power Factor	0.69	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	L	K
FL Amps. @ 208 V	9.16	-
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	112MB35		
Frame Enclosure	TEFC		
Mounting	B35		
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	84.0		
MECHANICAL DATA			
DE Bearing	6306ZZ		
NDE Bearing	6206ZZ		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	-		
Comp Ring (wavy 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.