



Pump Motors

NEMA

MOTOR MODEL:	GA3-AL-TF-215JM-2-B-D-10
FACTORY TYPE:	TFA

EPAct NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	10.0	10.0
Speed, RPM	3520	-
Voltage	230/460	-
# Phase	3	-
Full Load Amps	22.8/11.4	-
Power Factor	0.92	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	L	-
FL Amps. @ 208 V	25.2	-
Locked Rotor Current	-	-
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	50.0	73.0
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	215JM		
Frame Enclosure	TEFC		
Mounting	Rigid/C-Flange		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	A		
Frame Material	Cast Aluminum		
Ingress Protection	55		
Tropicalization	true		
Cable Entry	1-NPT 1"		
Feet Removable	true		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	115.0		
MECHANICAL DATA			
DE Bearing	6308ZZ		
NDE Bearing	6208ZZ		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	-		
Comp Ring (wavy 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		

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



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Non Sinusoidal (VFD) Output 10.0HP, 3520 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	-	-	Start Configuration
Pull-Up Torque	-	-	Starting Current (A)
Breakdown Torque	-	-	No-Load Current (A)
Full Load	-	-	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	-	-
75	-	-	-	-	-	-
100	-	-	-	-	-	-
125	-	-	-	-	-	-