



# Pump Motors

# NEMA

<b>MOTOR MODEL:</b>	GA3-AL-TF-145JM-2-B-D-2
<b>FACTORY TYPE:</b>	TFA

## EPAct NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	2.0	2.0
Speed, RPM	3500	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	5.42/2.71	-
Power Factor	0.82	-
Nominal Efficiency	84.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	L	-
FL Amps. @ 208 V	5.56	-
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	47.0	68.0
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	145JM		
Frame Enclosure	TEFC		
Mounting	Rigid/C-Flange		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	B		
Frame Material	Cast Aluminum		
Ingress Protection	55		
Tropicalization	true		
Cable Entry	1-NPT 3/4"		
Feet Removable	true		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	29.5		
MECHANICAL DATA			
DE Bearing	6206ZZ		
NDE Bearing	6205ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
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.