



## Pump Motors

# NEMA

<b>MOTOR MODEL:</b>	GA3-AL-TF-145JP-4-B-D-1.5
<b>FACTORY TYPE:</b>	TFA

### EPAct NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	1.5
Speed, RPM	1730	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	4.56/2.28	-
Power Factor	0.72	-
Nominal Efficiency	84.0	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	K	-
FL Amps. @ 208 V	4.59	-
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	37.0	51.0
3D Image Link		
Not available for this motor		

GENERAL DATA				
Frame Size	145JP			
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	34.5			
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.