Pump Motors

NEMA

MOTOR MODEL:	GA3-AL-TF-145JP-2-B-D-3
FACTORY TYPE:	TFA

EPAct NEMA Cast Aluminum, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	3.0	3.0
Speed, RPM	3490	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	7.78/3.89	-
Power Factor	0.83	-
Nominal Efficiency	85.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	L	-
FL Amps. @ 208 V	7.98	-
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	38.0	55.0
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	145JP
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 3/4"
Feet Removable	true
Double Drilled	-
Paint Color	Graphite Gray
Paint RAL	7024
Weight lb	50.0
MECHANICAL DATA	
DE Bearing	6206ZZ
NDE Bearing	6205ZZ
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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