



Pump Motors

NEMA

MOTOR MODEL:	GA3-CI-TF-254JM-2-BR-D-15
FACTORY TYPE:	TFC

EPAct NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	15.0	15.0
Speed, RPM	3540	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	35.2/17.6	-
Power Factor	0.89	-
Nominal Efficiency	90.2	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	G	-
FL Amps. @ 208 V	-	-
Locked Rotor Current	-	-
Start Capacitor	-	-
Start Capacitor V	-	-
Run Capacitor	-	-
Run Capacitor V	-	-
Number of Leads	12	
Connection	DD/D	
Coil Resistance	0.55	
Date Code	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	50.0	68.0
3D Image Link		
Not available for this motor		

GENERAL DATA				
Frame Size	254JM			
Frame Enclosure	TEFC			
Mounting	Rigid/C-Flange			
Insulation Class	F			
Duty	Cont. / S1			
NEMA Design	B			
Frame Material	Cast Iron			
Ingress Protection	55			
Tropicalization	true			
Cable Entry	1-NPT 1-1/4"			
Feet Removable	true			
Double Drilled	-			
Paint Color	Graphite Gray			
Paint RAL	7024			
Weight lb	278.0			
MECHANICAL DATA				
DE Bearing	6309 C3			
NDE Bearing	6309 C3			
dB No-Load	-			
Rotor Wk ² , Lb-Ft ²	1.12957			
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 Techttop for more info.



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Non Sinusoidal (VFD) Output 15.0HP, 3540 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	-	-	-	-	-	-