



# Pump Motors

## NEMA

<b>MOTOR MODEL:</b>	GA3-CI-TF-324JM-4-BR-D-40
<b>FACTORY TYPE:</b>	TFC

### EPAct NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	40.0	40.0
Speed, RPM	1770	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	94.2/47.1	-
Power Factor	0.87	-
Nominal Efficiency	93.0	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	E	-
FL Amps. @ 208 V	-	-
LRC @ 60Hz HV	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	DD/D	
Coil Resistance	0.15	
Date Code	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	55.0	70.0
3D Image Link		
Not available for this motor		

GENERAL DATA		
Frame Size	324JM	
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 2"	
Feet Removable	true	
Double Drilled	-	
Paint Color	Graphite Gray	
Paint RAL	7024	
Weight lb	584.0	
MECHANICAL DATA		
DE Bearing	6312 C3	
NDE Bearing	6312 C3	
dB No-Load	-	
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	6.29566	
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.