



Pump Motors

NEMA

MOTOR MODEL:	GA3-CI-TF-256JM-2-BR-D-20
FACTORY TYPE:	TFC

EPAct NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	20.0	20.0
Speed, RPM	3530	-
Voltage	230/460	-
# Phase	3	
Full Load Amps	46.4/23.2	-
Power Factor	0.9	-
Nominal Efficiency	90.2	-
3/4 Load Efficiency	-	-
Service Factor	1.25	-
KVA Code	F	-
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	0.4	
Date Code	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	60.0	80.0
3D Image Link		
Not available for this motor		

GENERAL DATA			
Frame Size	256JM		
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	true		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	295.0		
MECHANICAL DATA			
DE Bearing	6309 C3		
NDE Bearing	6309 C3		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	1.23398		
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.