



Pump Motors

NEMA

MOTOR MODEL:	GR3-CI-TF-256JM-2-BR-D-25
FACTORY TYPE:	TXC

Premium NEMA Cast Iron, TEFC

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	25.0	25.0
Speed, RPM	3550	2930
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	60.06/30.03	68.4/34.2
Power Factor	0.8	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	M	F
FL Amps. @ 208 V	66.41	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	DD/D	
Coil Resistance	-	
Load	Efficiency %	P.F.
50%	-	-
75%	-	-
100%	-	-
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	-	-
3D Image Link		
Not available for this motor		

GENERAL DATA	
Frame Size	256JM
Frame Enclosure	TEFC
Mounting	Rigid
Insulation Class	F
Duty	Cont. / S1
NEMA Design	A
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	-
MECHANICAL DATA	
DE Bearing	6309C3
NDE Bearing	6309C3
dB No-Load	-
Rotor Wk ² , Lb-Ft ²	-
Comp Ring (wavy washer)	NDE
TORQUE VALUES	
Locked Rotor Torque	-
Pull-Up Torque	-
Breakdown Torque	-
Full Load Torque	-
	100.0
SITE CONDITIONS	
Ambient Temp °C	40
Altitude Above Sea Level m	1000



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Non Sinusoidal (VFD) Output 25.0HP, 3550 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	-	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	6.25	-	-	-	-	-
50	12.5	-	-	-	-	-
75	18.75	-	-	-	-	-
100	25.0	-	-	-	-	-
125	31.25	-	-	-	-	-