



NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-OP-256T-4-BR-D-20
FACTORY TYPE:	-

NEMA Cast Iron, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	20.0	-
Speed, RPM	1760	1450
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	48.8/24.4	-
Power Factor	0.83	-
Nominal Efficiency	93.0	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	G	F
FL Amps. @ 208 V	53.9	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	2D/D	
Coil Resistance	-	
Date Code	-	
Load	Efficiency %	P.F.
50%	92.6	0.7915
75%	92.8	0.8691
100%	93.0	0.83
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	50.0	-
3D Image Link		
GR3-CI-OP-256T-4-BR-D-20		

GENERAL DATA				
Frame Size	256T			
Frame Enclosure	ODP			
Mounting	Rigid			
Insulation Class	F			
Duty	Cont. / S1			
NEMA Design	-			
Frame Material	Cast Iron			
Ingress Protection	23			
Tropicalization	true			
Cable Entry	-			
Feet Removable	-			
Double Drilled	-			
Paint Color	Graphite Gray			
Paint RAL	7024			
Weight lb	346.8			
MECHANICAL DATA				
DE Bearing	6309C3			
NDE Bearing	6308C3			
dB No-Load	-			
Rotor Wk ² , Lb-Ft ²	-			
Comp Ring (wavy washer)	-			
TORQUE VALUES			Torque lb-ft	% FLT
Locked Rotor Torque	-	-	-	-
Pull-Up Torque	-	-	-	-
Breakdown Torque	-	-	-	-
Full Load Torque	-	-	-	-
SITE CONDITIONS				
Ambient Temp °C	-			
Altitude Above Sea Level m	-			

*This report valid for above Date Code and newer models, please contact Techttop for more info.

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Non Sinusoidal (VFD) Output 20.0HP, 1760 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	-	-	-	-	92.6	0.7915
75	-	-	-	-	92.8	0.8691
100	-	-	-	-	93.0	0.83
125	-	-	-	-	-	-

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