



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-CI-OP-405T-4-RR-D-100
<b>FACTORY TYPE:</b>	-

**NEMA Cast Iron, ODP**

<b>ELECTRICAL DATA</b>		
	60 Hz	50 Hz
Horsepower	100.0	-
Speed, RPM	1780	1480
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	229.5/114.7	-
Power Factor	0.86	-
Nominal Efficiency	95.4	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	F	E
FL Amps. @ 208 V	253.7	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	12	
Connection	4D/2D	
Coil Resistance	-	
Date Code	-	
Load	Efficiency %	P.F.
50%	94.36	0.7507
75%	95.2	0.8388
100%	95.4	0.86
<b>FULL LOAD TEMPERATURE RISE</b>		
FL Temp Rise °C	78.0	-
<b>3D Image Link</b>		
<a href="#">GR3-CI-OP-405T-4-RR-D-100</a>		

<b>GENERAL DATA</b>				
Frame Size	405T			
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	1094.12			
<b>MECHANICAL DATA</b>				
DE Bearing	NU316			
NDE Bearing	6312C3			
dB No-Load	-			
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-			
Comp Ring (wavy washer)	-			
<b>TORQUE VALUES</b>			Torque lb-ft	% FLT
Locked Rotor Torque	-	-		
Pull-Up Torque	-	-		
Breakdown Torque	-	-		
Full Load Torque	-	-		
<b>SITE CONDITIONS</b>				
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 100.0HP, 1780 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	-	-	-	-	94.36	0.7507
75	-	-	-	-	95.2	0.8388
100	-	-	-	-	95.4	0.86
125	-	-	-	-	-	-

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