



NEMA Premium

NEMA

MOTOR MODEL:	GR3-CI-OP-324T-4-BR-D-40
FACTORY TYPE:	-

NEMA Cast Iron, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	40.0	-
Speed, RPM	1770	1460
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	93.1/46.5	-
Power Factor	0.86	-
Nominal Efficiency	94.1	-
3/4 Load Efficiency	-	-
Service Factor	1.15	1.0
KVA Code	E	F
FL Amps. @ 208 V	102.9	-
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%	93.4	0.6896
75%	94.0	0.7954
100%	94.1	0.86
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	70.0	-
3D Image Link		
GR3-CI-OP-324T-4-BR-D-40		

GENERAL DATA				
Frame Size	324T			
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	632.84			
MECHANICAL DATA				
DE Bearing	6312C3			
NDE Bearing	6311C3			
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				



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Non Sinusoidal (VFD) Output 40.0HP, 1770 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	-	-	-	-	93.4	0.6896
75	-	-	-	-	94.0	0.7954
100	-	-	-	-	94.1	0.86
125	-	-	-	-	-	-

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