



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-RS-OP-145T-4-B-D-2
<b>FACTORY TYPE:</b>	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	2.0	-
Speed, RPM	1740	1420
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	5.48/2.74	-
Power Factor	0.79	-
Nominal Efficiency	86.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	H
FL Amps. @ 208 V	5.85	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	2.98	
Load	Efficiency %	P.F.
50%	85.3	0.5978
75%	87.18	0.7282
100%	87.24	0.8011
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	43.0	63.0
<b>3D Image Link</b>		
<a href="#">GR3-RS-OP-145T-4-B-D-2</a>		

GENERAL DATA			
Frame Size	145T		
Frame Enclosure	ODP		
Mounting	Rigid		
Insulation Class	F		
Duty	Cont. / S1		
NEMA Design	-		
Frame Material	Rolled Steel		
Ingress Protection	23		
Tropicalization	true		
Cable Entry	1-NPT 3/4"		
Feet Removable	-		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	-		
MECHANICAL DATA			
DE Bearing	6205ZZ		
NDE Bearing	6203ZZ		
dB No-Load	-		
Rotor Wk <sup>2</sup> , Lb-Ft <sup>2</sup>	-		
Comp Ring (wavy washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	19.71	325.0	
Pull-Up Torque	17.58	290.0	
Breakdown Torque	24.24	400.0	
Full Load Torque	6.06	100.0	
SITE CONDITIONS			
Ambient Temp °C	-		
Altitude Above Sea Level m			



NEMA Premium

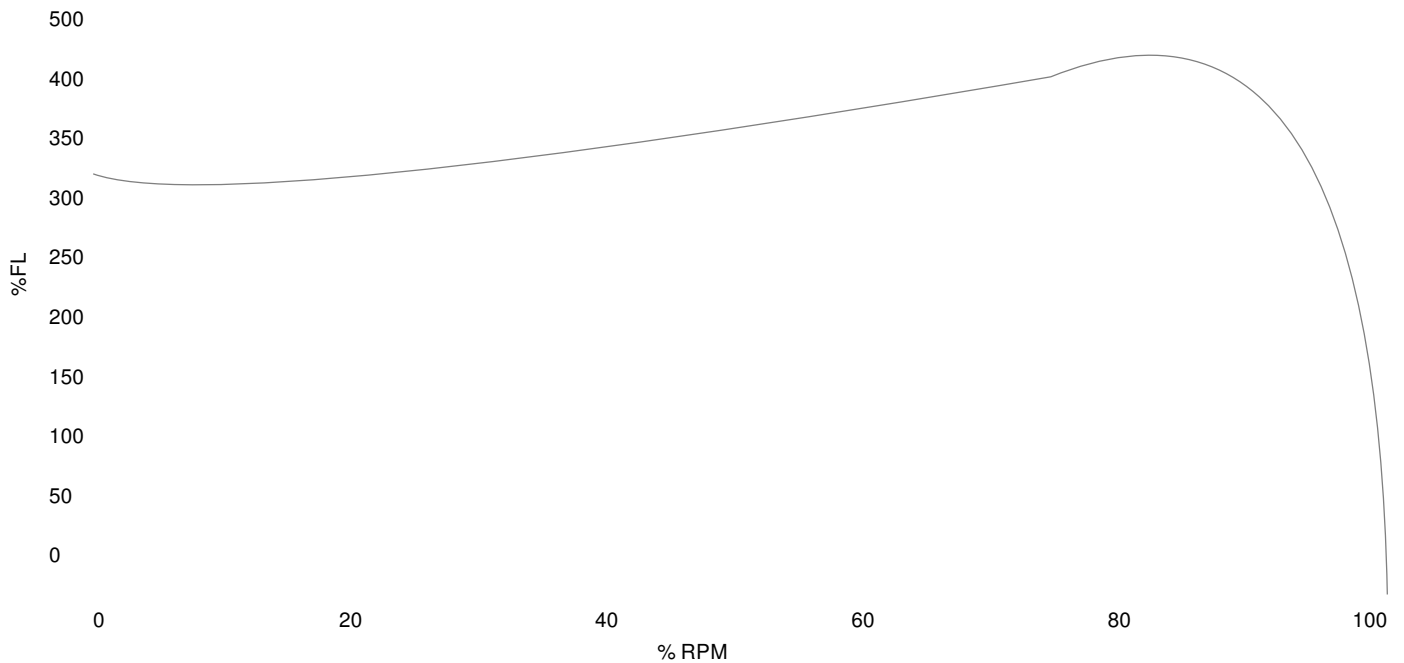
**NEMA**

<b>MOTOR MODEL:</b>	GR3-RS-OP-145T-4-B-D-2
<b>FACTORY TYPE:</b>	-

NEMA Rolled Steel, ODP

Non Sinusoidal (VFD) Output 2.0HP, 1740 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	19.71	325.0	Start Configuration
Pull-Up Torque	17.58	290.0	Starting Current (A)
Breakdown Torque	24.24	400.0	No-Load Current (A)
Full Load	6.06	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	85.3	0.5978
75	-	-	-	-	87.18	0.7282
100	-	-	-	-	87.24	0.8011
125	-	-	-	-	-	-

Techtop Industries  
 2815 Colonnades Court  
 Peachtree Corners, GA 30071  
 Tel: 678-436-5540  
 E-Mail: info@techttopind.com