



NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-145T-2-B-D-3
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	3.0	-
Speed, RPM	3500	2860
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	7.56/3.78	-
Power Factor	0.86	-
Nominal Efficiency	86.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	G
FL Amps. @ 208 V	8.19	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	2.51	
Load	Efficiency %	P.F.
50%	86.75	0.7083
75%	87.95	0.8174
100%	87.55	0.8658
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	37.0	56.0
3D Image Link		
GR3-RS-OP-145T-2-B-D-3		

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 ² , Lb-Ft ²	-		
Comp Ring (wavy washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	12.89	285.0	
Pull-Up Torque	9.72	215.0	
Breakdown Torque	16.73	370.0	
Full Load Torque	4.52	100.0	
SITE CONDITIONS			
Ambient Temp °C	-		
Altitude Above Sea Level m			



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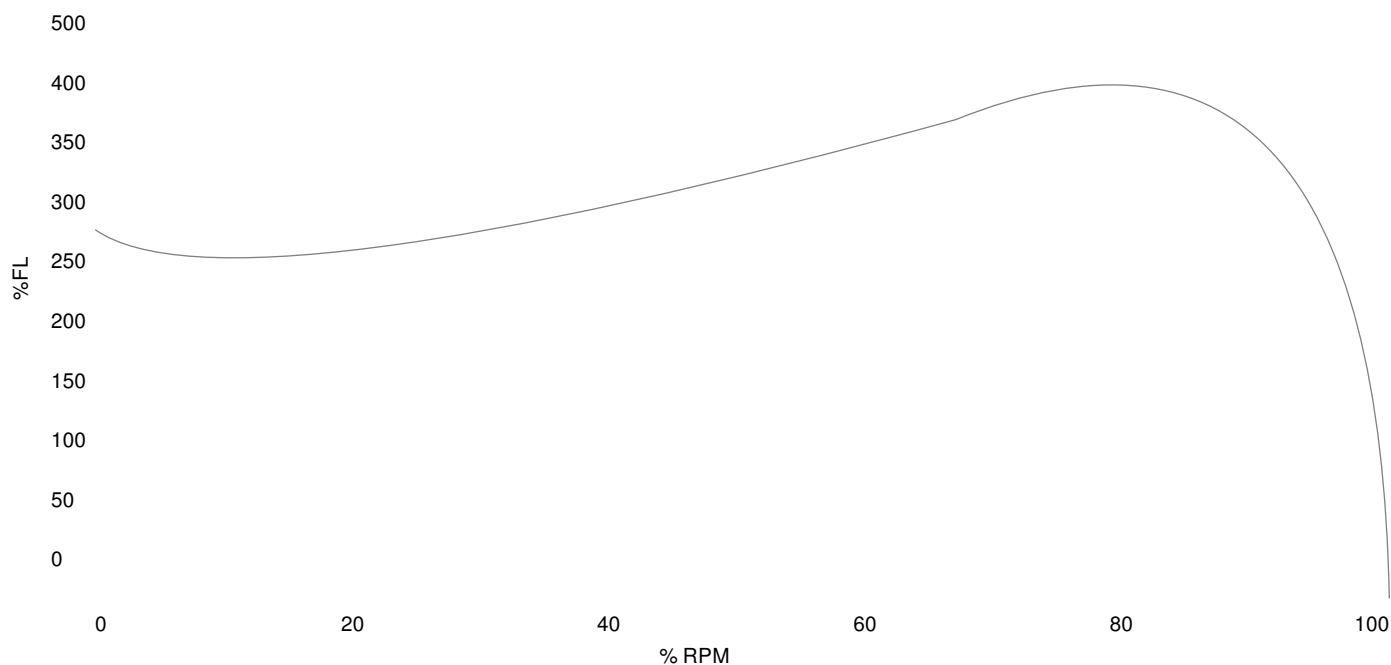
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Non Sinusoidal (VFD) Output 3.0HP, 3500 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	12.89	285.0	Start Configuration
Pull-Up Torque	9.72	215.0	Starting Current (A)
Breakdown Torque	16.73	370.0	No-Load Current (A)
Full Load	4.52	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	86.75	0.7083
75	-	-	-	-	87.95	0.8174
100	-	-	-	-	87.55	0.8658
125	-	-	-	-	-	-

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