



NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-143T-2-B-D-1.5
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	-
Speed, RPM	3500	2850
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	4.08/2.04	-
Power Factor	0.82	-
Nominal Efficiency	84.0	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	L	H
FL Amps. @ 208 V	4.28	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	5.33	
Load	Efficiency %	P.F.
50%	81.05	0.6438
75%	83.96	0.7648
100%	84.59	0.8297
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	45.0	64.0
3D Image Link		
GR3-RS-OP-143T-2-B-D-1.5		

GENERAL DATA			
Frame Size	143T		
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		6.22	275.0
Pull-Up Torque		5.42	240.0
Breakdown Torque		8.48	375.0
Full Load Torque		2.26	100.0
SITE CONDITIONS			
Ambient Temp °C		-	
Altitude Above Sea Level m			



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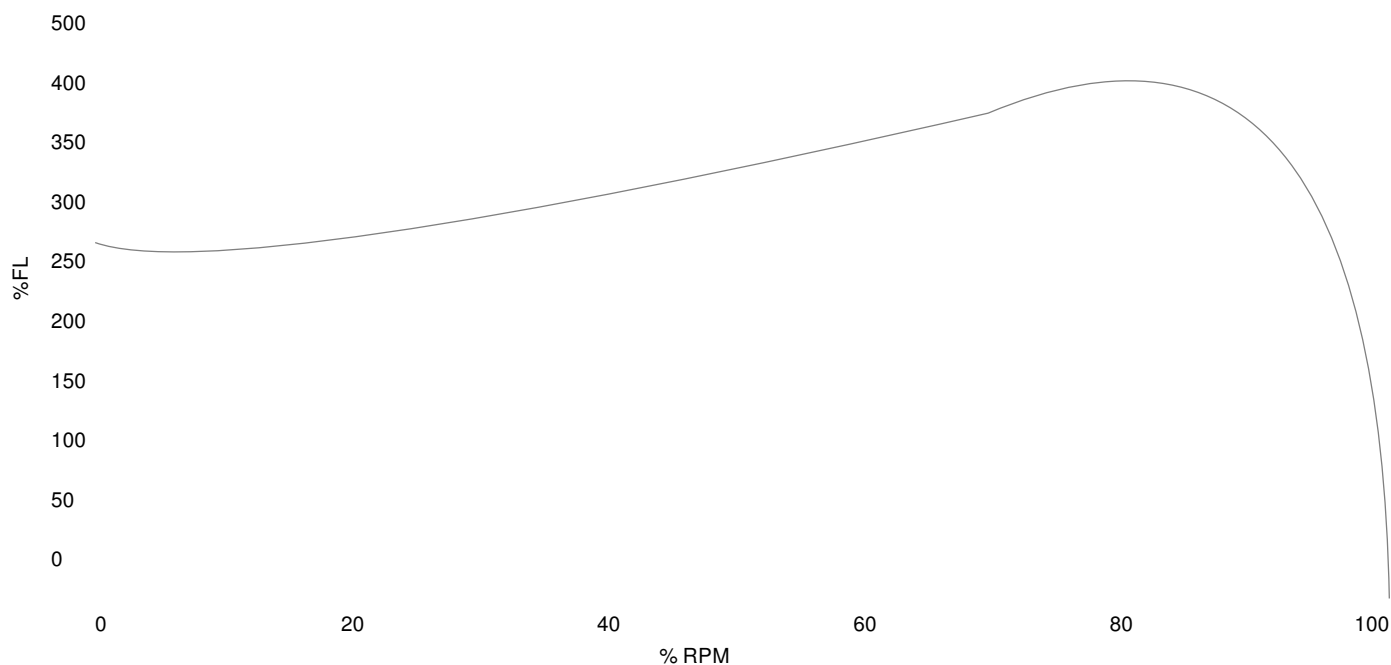
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Non Sinusoidal (VFD) Output 1.5HP, 3500 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	6.22	275.0	Start Configuration
Pull-Up Torque	5.42	240.0	Starting Current (A)
Breakdown Torque	8.48	375.0	No-Load Current (A)
Full Load	2.26	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	81.05	0.6438
75	-	-	-	-	83.96	0.7648
100	-	-	-	-	84.59	0.8297
125	-	-	-	-	-	-

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