



NEMA Premium

**NEMA**

<b>MOTOR MODEL:</b>	GR3-RS-OP-184T-4-B-D-5
<b>FACTORY TYPE:</b>	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	5.0	-
Speed, RPM	1755	1440
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	12.5/6.25	-
Power Factor	0.84	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	J	G
FL Amps. @ 208 V	13.8	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	1.28	
Load	Efficiency %	P.F.
50%	90.56	0.6867
75%	90.83	0.7953
100%	89.98	0.8424
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	48.0	81.0
3D Image Link		
<a href="#">GR3-RS-OP-184T-4-B-D-5</a>		

GENERAL DATA				
Frame Size	184T			
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	6206ZZ			
NDE Bearing	6205ZZ			
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	32.93	220.0		
Pull-Up Torque	27.02	180.0		
Breakdown Torque	46.66	310.0		
Full Load Torque	15.0	100.0		
SITE CONDITIONS				
Ambient Temp °C	-			
Altitude Above Sea Level m				



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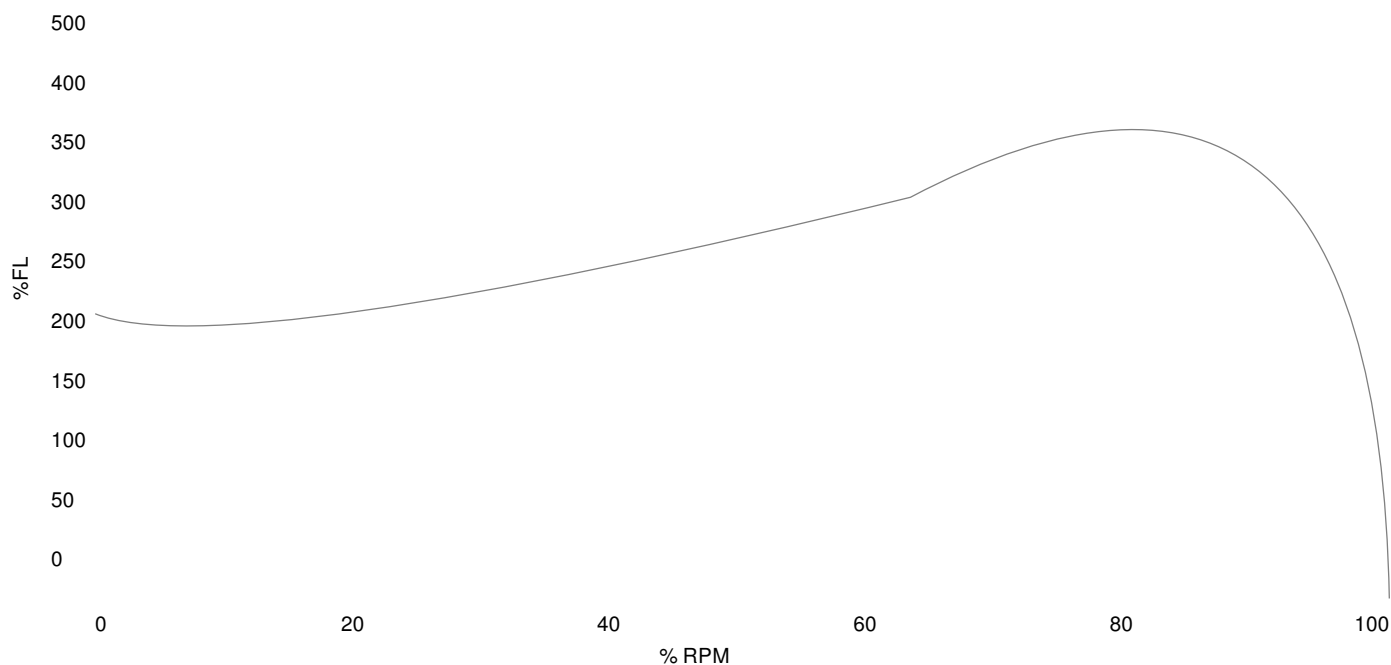
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Non Sinusoidal (VFD) Output 5.0HP, 1755 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	32.93	220.0	Start Configuration
Pull-Up Torque	27.02	180.0	Starting Current (A)
Breakdown Torque	46.66	310.0	No-Load Current (A)
Full Load	15.0	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	90.56	0.6867
75	-	-	-	-	90.83	0.7953
100	-	-	-	-	89.98	0.8424
125	-	-	-	-	-	-

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