



NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-182T-4-B-D-3
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	3.0	-
Speed, RPM	1755	1440
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	7.66/3.83	-
Power Factor	0.82	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	H
FL Amps. @ 208 V	8.35	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	1.91	
Date Code	-	
Load	Efficiency %	P.F.
50%	88.57	0.6676
75%	89.77	0.78
100%	89.55	0.8334
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	30.0	43.0
3D Image Link		
GR3-RS-OP-182T-4-B-D-3		

GENERAL DATA		
Frame Size	182T	
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 ² , Lb-Ft ²	-	
Comp Ring (wavy washer)	NDE	
TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	21.09	235.0
Pull-Up Torque	15.21	170.0
Breakdown Torque	30.02	335.0
Full Load Torque	8.96	100.0
SITE CONDITIONS		
Ambient Temp °C	-	
Altitude Above Sea Level m	-	

*This report valid for above Date Code and newer models, please contact Techtop for more info.



NEMA Premium

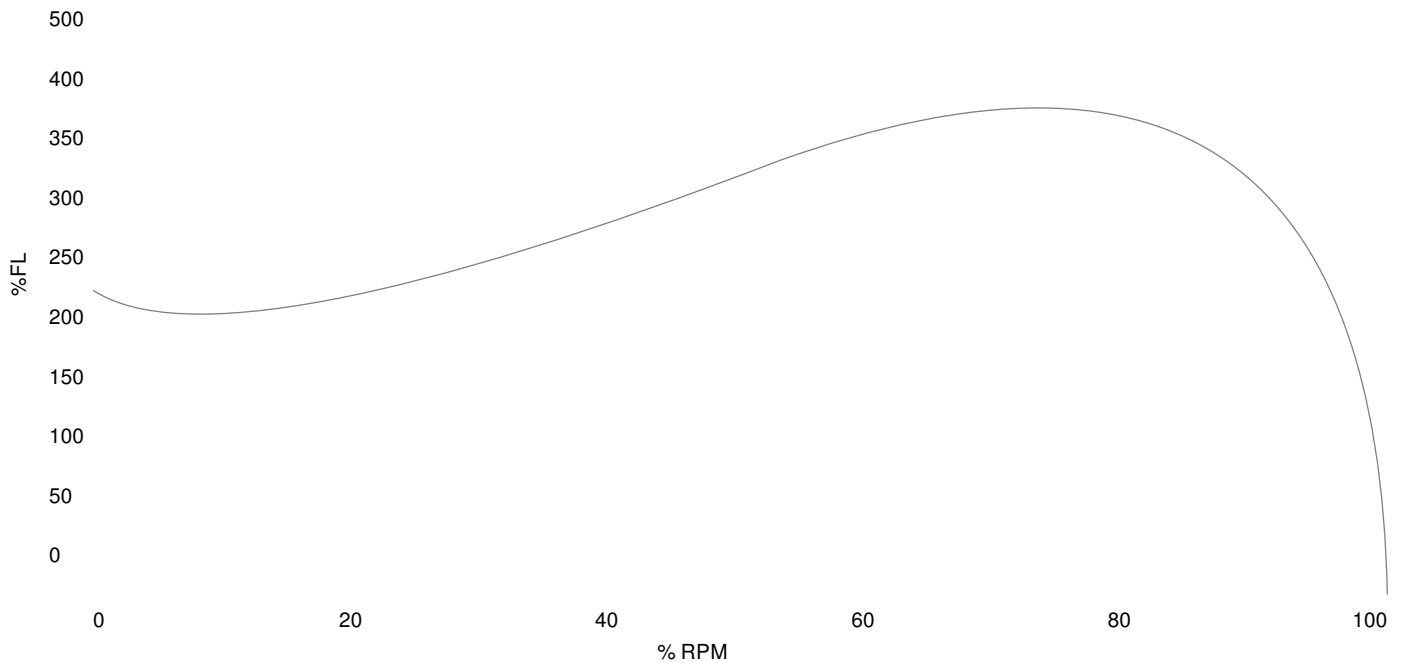
NEMA

MOTOR MODEL:	GR3-RS-OP-182T-4-B-D-3
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

Non Sinusoidal (VFD) Output 3.0HP, 1755 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	21.09	235.0	Start Configuration
Pull-Up Torque	15.21	170.0	Starting Current (A)
Breakdown Torque	30.02	335.0	No-Load Current (A)
Full Load	8.96	100.0	No-Load Power Factor

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	88.57	0.6676
75	-	-	-	-	89.77	0.78
100	-	-	-	-	89.55	0.8334
125	-	-	-	-	-	-

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