



NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-213T-2-B-D-10
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	10.0	-
Speed, RPM	3520	2880
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	23.0/11.5	-
Power Factor	0.91	-
Nominal Efficiency	89.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	J	G
FL Amps. @ 208 V	25.5	-
Locked Rotor Current	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	0.53	
Load	Efficiency %	P.F.
50%	90.83	0.8702
75%	91.11	0.9129
100%	90.32	0.9231
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	34.5	64.0
3D Image Link		
GR3-RS-OP-213T-2-B-D-10		

GENERAL DATA			
Frame Size	213T		
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 1"		
Feet Removable	-		
Double Drilled	-		
Paint Color	Graphite Gray		
Paint RAL	7024		
Weight lb	-		
MECHANICAL DATA			
DE Bearing	6208ZZ		
NDE Bearing	6206ZZ		
dB No-Load	-		
Rotor Wk ² , Lb-Ft ²	-		
Comp Ring (wavy washer)	NDE		
TORQUE VALUES		Torque lb-ft	% FLT
Locked Rotor Torque	32.33	215.0	
Pull-Up Torque	20.48	135.0	
Breakdown Torque	42.72	285.0	
Full Load Torque	15.0	100.0	
SITE CONDITIONS			
Ambient Temp °C	-		
Altitude Above Sea Level m			



NEMA Premium

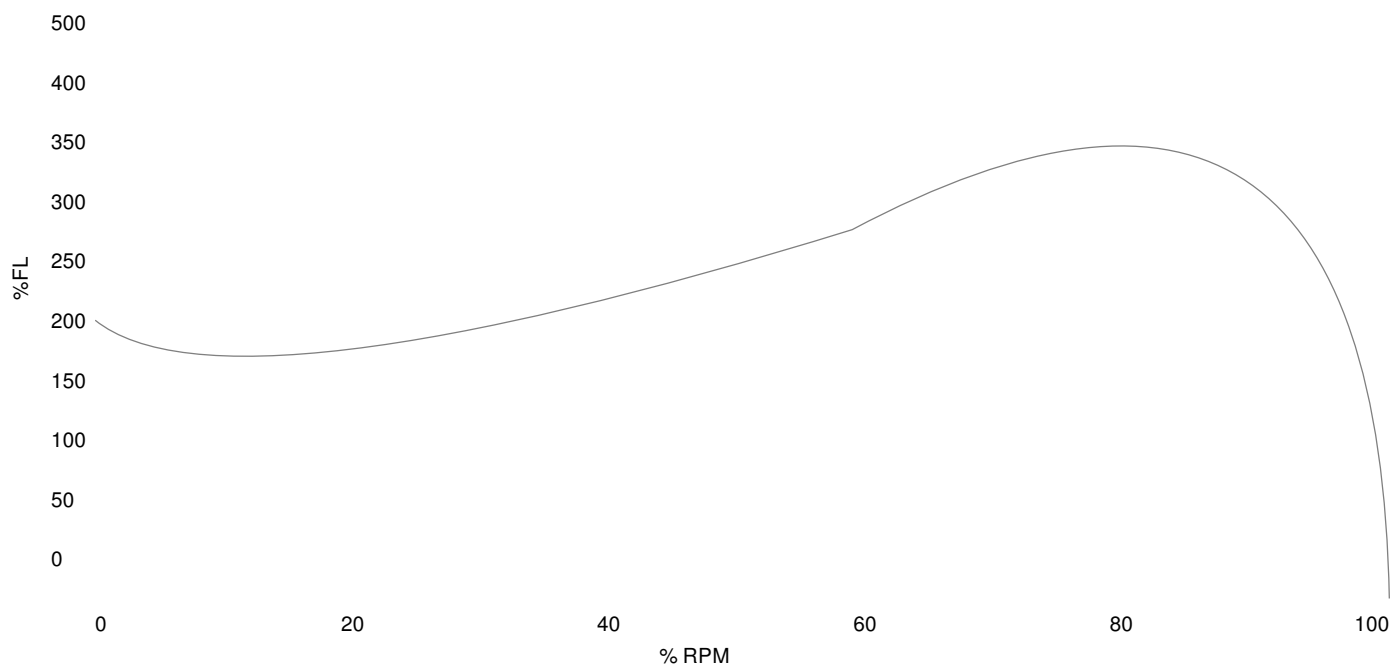
NEMA

MOTOR MODEL:	GR3-RS-OP-213T-2-B-D-10
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

Non Sinusoidal (VFD) Output 10.0HP, 3520 RPM

Torque Speed (T-n) Curve



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values
Locked Rotor Torque	32.33	215.0	Start Configuration
Pull-Up Torque	20.48	135.0	Starting Current (A)
Breakdown Torque	42.72	285.0	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	-	-	-	-	90.83	0.8702
75	-	-	-	-	91.11	0.9129
100	-	-	-	-	90.32	0.9231
125	-	-	-	-	-	-

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