NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-215TC-4-B-D-10
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	10.0	-
Speed, RPM	1755	1440
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	24.0/12.0	-
Power Factor	0.85	-
Nominal Efficiency	91.7	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	H
FL Amps. @ 208 V	26.6	-
LRC @ 60Hz HV	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	0.4	
Date Code	-	

Load	Efficiency %	P.F.
50%	92.05	0.7373
75%	92.33	0.8218
100%	91.96	0.8569

FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	48.5	81.3

3D Image Link
Not available for this motor

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

GENERAL DATA	
Frame Size	215TC
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 Wk², Lb-Ft²	-
Comp Ring (wavey washer)	NDE

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	69.46	230.0
Pull-Up Torque	45.33	150.0
Breakdown Torque	69.66	320.0
Full Load Torque	30.2	100.0

SITE CONDITIONS	
Ambient Temp °C	-
Altitude Above Sea Level m	

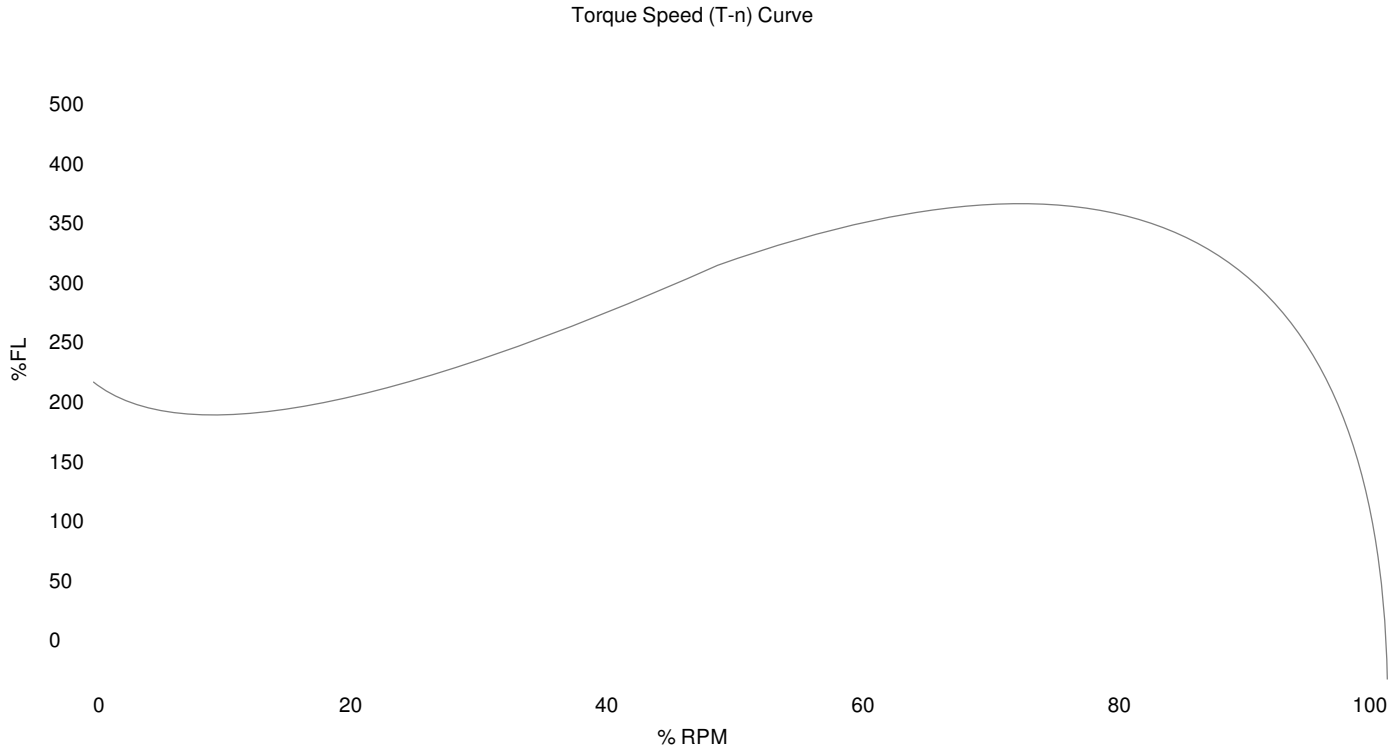
Techtop Industries
2815 Colonnades Court
Peachtree Corners, GA 30071
Tel: 678-436-5540
E-Mail: info@techtopind.com

NEMA Premium

MOTOR MODEL:	GR3-RS-OP-215TC-4-B-D-10
FACTORY TYPE:	-

NEMA

NEMA Rolled Steel, ODP



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	69.46	230.0	Start Configuration	-
Pull-Up Torque	45.33	150.0	Starting Current (A)	-
Breakdown Torque	69.66	320.0	No-Load Current (A)	-
Full Load	30.2	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	92.05	0.7373
75	-	-	-	-	92.33	0.8218
100	-	-	-	-	91.96	0.8569
125	-	-	-	-	-	-

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