NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-145TC-4-B-D-1.5
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	1.5	-
Speed, RPM	1740	1420
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	4.34/2.17	-
Power Factor	0.75	-
Nominal Efficiency	86.5	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	M	J
FL Amps. @ 208 V	4.43	-
LRC @ 60Hz HV	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	3.74	
Date Code	-	

Load	Efficiency %	P.F.
50%	83.21	0.5463
75%	86.01	0.6798
100%	86.73	0.7612

FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	31.0	40.0

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	145TC
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 Wk², Lb-Ft²	-
Comp Ring (wavey washer)	NDE

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	15.37	340.0
Pull-Up Torque	13.11	290.0
Breakdown Torque	19.66	435.0
Full Load Torque	4.52	100.0

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

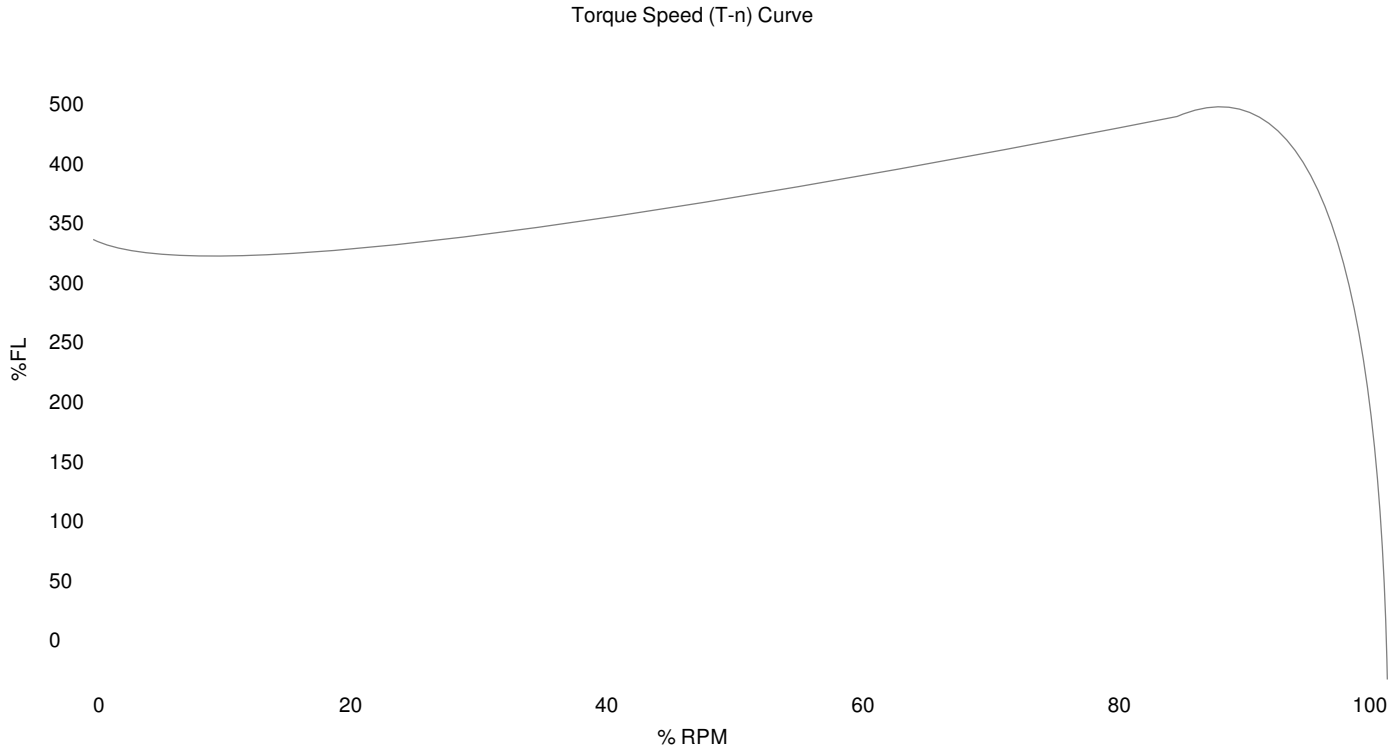
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MOTOR MODEL:	GR3-RS-OP-145TC-4-B-D-1.5
FACTORY TYPE:	-

NEMA

NEMA Rolled Steel, ODP



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	15.37	340.0	Start Configuration	-
Pull-Up Torque	13.11	290.0	Starting Current (A)	-
Breakdown Torque	19.66	435.0	No-Load Current (A)	-
Full Load	4.52	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	83.21	0.5463
75	-	-	-	-	86.01	0.6798
100	-	-	-	-	86.73	0.7612
125	-	-	-	-	-	-

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