NEMA Premium

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

NEMA

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	-
LRC @ 60Hz HV	-	-
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		
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	182TC
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 Wk², Lb-Ft²	-
Comp Ring (wavey 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	

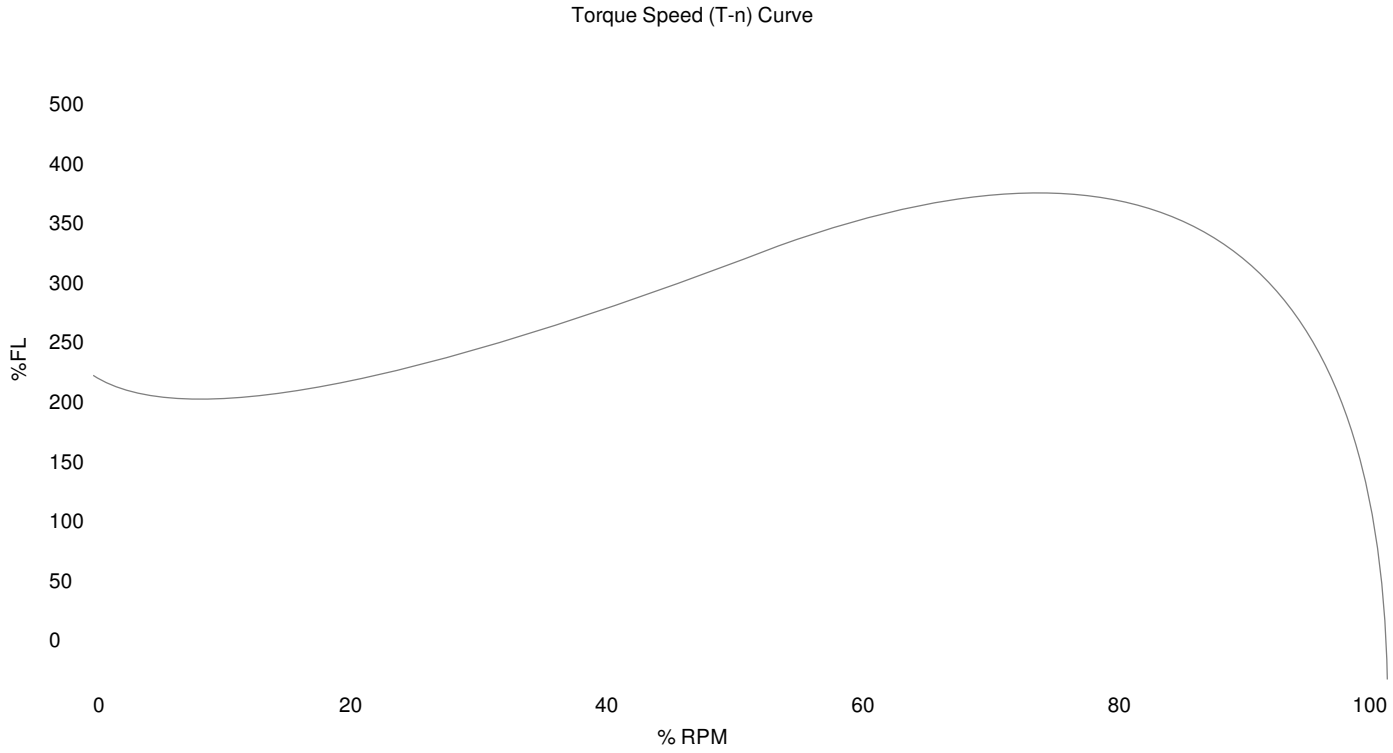
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NEMA Premium

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

NEMA

NEMA Rolled Steel, ODP



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	-	-	-	-	-	-

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