NEMA Premium

NEMA

MOTOR MODEL:	GR3-RS-OP-213TC-4-B-D-7.5
FACTORY TYPE:	-

NEMA Rolled Steel, ODP

ELECTRICAL DATA		
	60 Hz	50 Hz
Horsepower	7.5	-
Speed, RPM	1755	1440
Voltage	230/460	190/380
# Phase	3	
Full Load Amps	18.2/9.10	-
Power Factor	0.85	-
Nominal Efficiency	91.0	-
3/4 Load Efficiency	-	-
Service Factor	1.25	1.0
KVA Code	K	G
FL Amps. @ 208 V	20.1	-
LRC @ 60Hz HV	-	-
Start Capacitor	-	
Start Capacitor V	-	
Run Capacitor	-	
Run Capacitor V	-	
Number of Leads	9	
Connection	YY/Y	
Coil Resistance	0.54	
Date Code	-	
Load	**Efficiency %**	**P.F.**
50%	91.72	0.7274
75%	92.06	0.8187
100%	91.4	0.8537
FULL LOAD TEMPERATURE RISE		
FL Temp Rise °C	38.0	62.0
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	213TC
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, $Lb\text{-}Ft^2$	-
Comp Ring (wavey washer)	NDE

TORQUE VALUES	Torque lb-ft	% FLT
Locked Rotor Torque	51.36	230.0
Pull-Up Torque	35.71	160.0
Breakdown Torque	70.68	315.0
Full Load Torque	22.4	100.0
SITE CONDITIONS		
Ambient Temp °C	-	
Altitude Above Sea Level m		

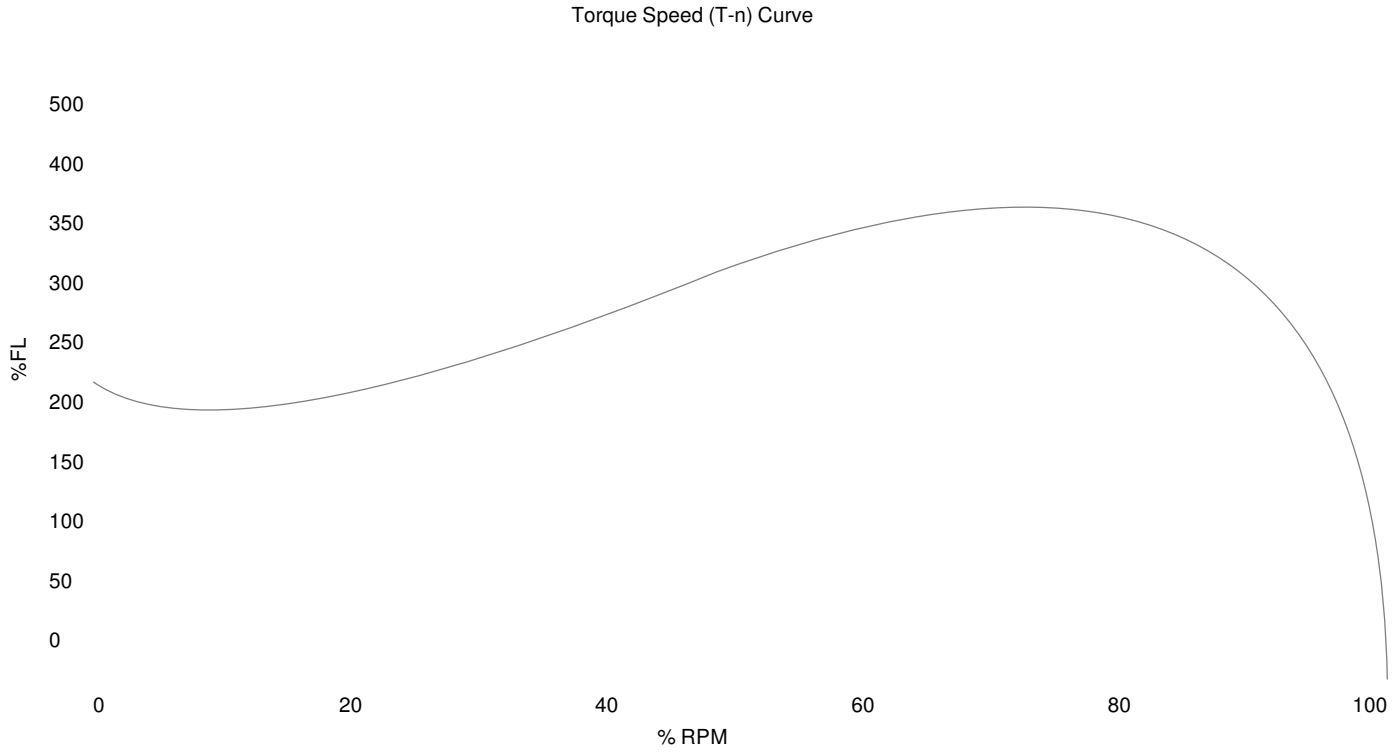
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MOTOR MODEL:	GR3-RS-OP-213TC-4-B-D-7.5
FACTORY TYPE:	-

NEMA

NEMA Rolled Steel, ODP



Performance Load Values, High Voltage, 60Hz

Torque Values	Torque lb-ft	% FLT	Performance Values	
Locked Rotor Torque	51.36	230.0	Start Configuration	-
Pull-Up Torque	35.71	160.0	Starting Current (A)	-
Breakdown Torque	70.68	315.0	No-Load Current (A)	-
Full Load	22.4	100.0	No-Load Power Factor	-

% Load	Horsepower	Current, Amps	Input power, Kilowatts	Speed, RPM	Efficiency	PF
0	-	-	-	-	-	-
25	-	-	-	-	-	-
50	-	-	-	-	91.72	0.7274
75	-	-	-	-	92.06	0.8187
100	-	-	-	-	91.4	0.8537
125	-	-	-	-	-	-

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