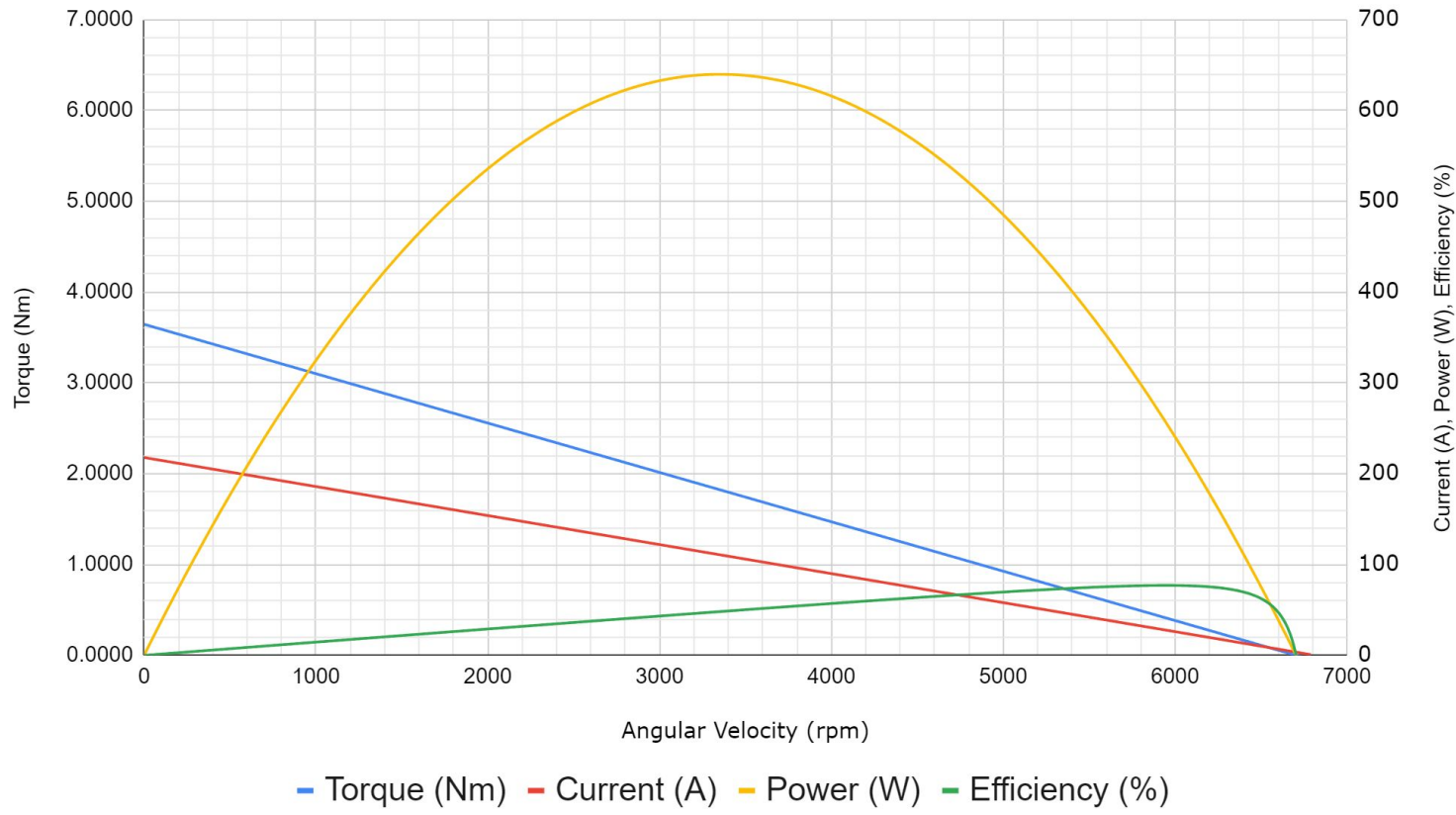


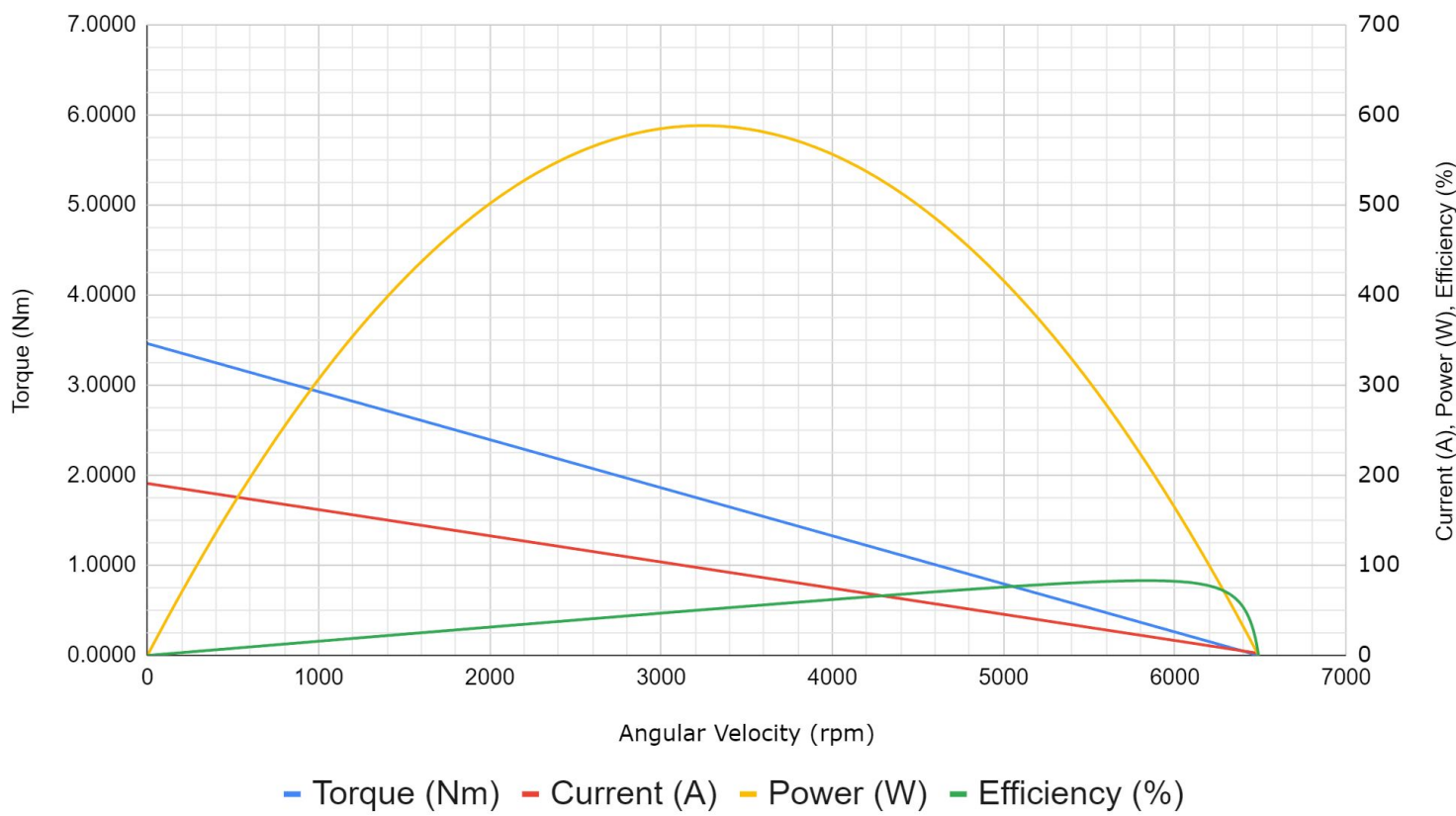
# FRC Brushless Motor Power Comparison

REV NEO Vortex Motor Curve



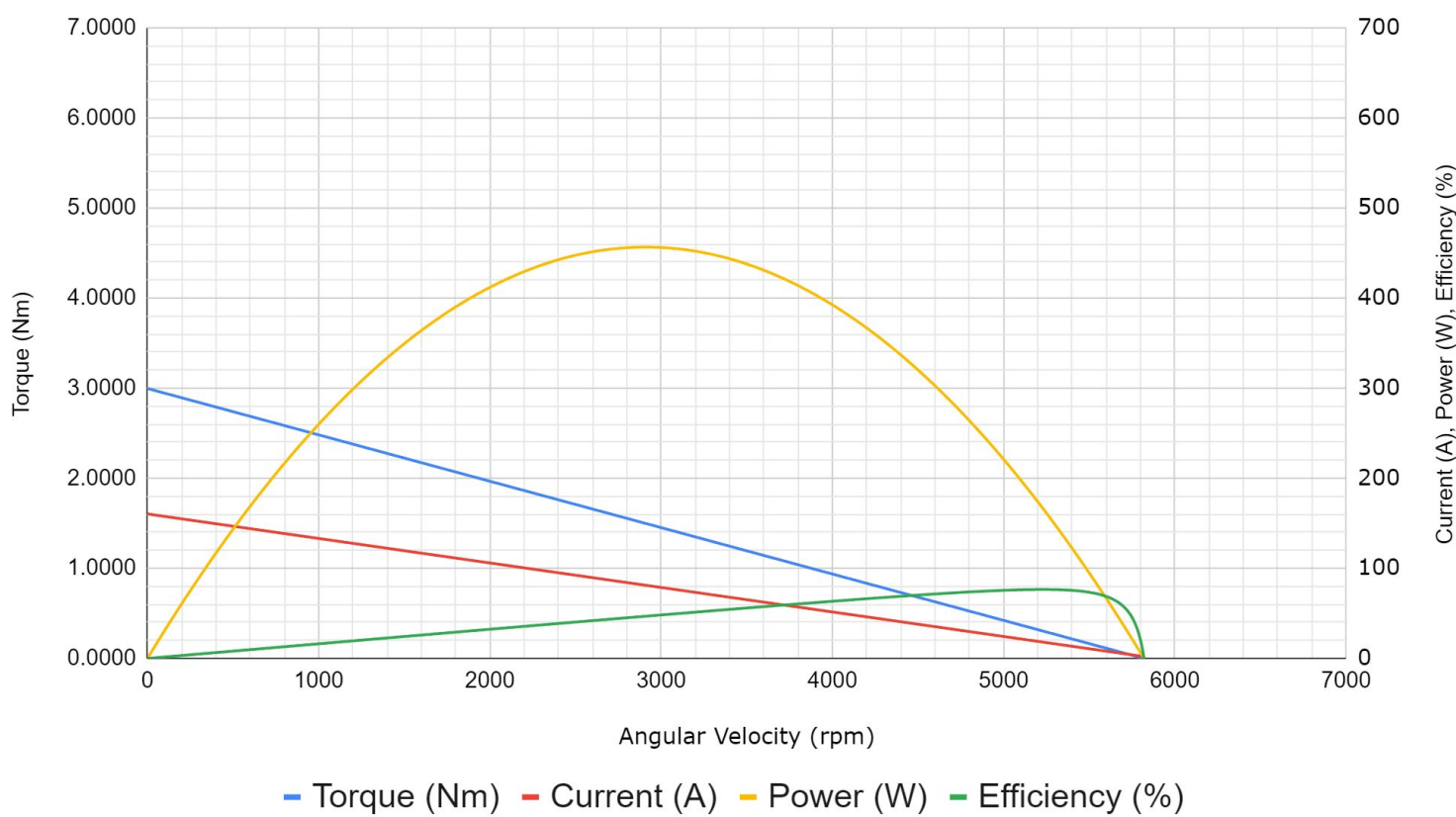
REV NEO Vortex Motor		
Parameter	Unit	± 10%
KV	rpm/V	559
Free Load Speed	rev/min	6704
Free Load Current	A	3.54
Stall Current	A	218
Stall Torque	Nm	3.65
Nominal Voltage	V	12
Peak Efficiency	%	77%
Peak Power	W	640
Power @ 40 Amps	W	361

Facon 500 V2 Motor Curve



Facon 500 V2 Motor		
Parameter	Unit	± 10%
KV	rpm/V	541
Free Load Speed	rev/min	6489
Free Load Current	A	2.39
Stall Current	A	191
Stall Torque	Nm	3.46
Nominal Voltage	V	12
Peak Efficiency	%	83.06%
Peak Power	W	588
Power @ 40 Amps	W	375

REV NEO v1.1 Motor Curve



REV NEO v1.1 Motor		
Parameter	Unit	± 10%
KV	rpm/V	485
Free Load Speed	rev/min	5820
Free Load Current	A	2.065
Stall Current	A	160
Stall Torque	Nm	3.00
Nominal Voltage	V	12
Peak Efficiency	%	76.54%
Peak Power	W	456
Power @ 40 Amps	W	333