BLDC MOTOR PERFORMANCE CURVE

Customer: Evgeniy Zharovsky

Filename: CCW - 1

Motor No.: NFP-BL1625-12V9.5K1W

Voltage: 12V DC

Pout Rated: 1.9W

Ambient Temperature: 25℃

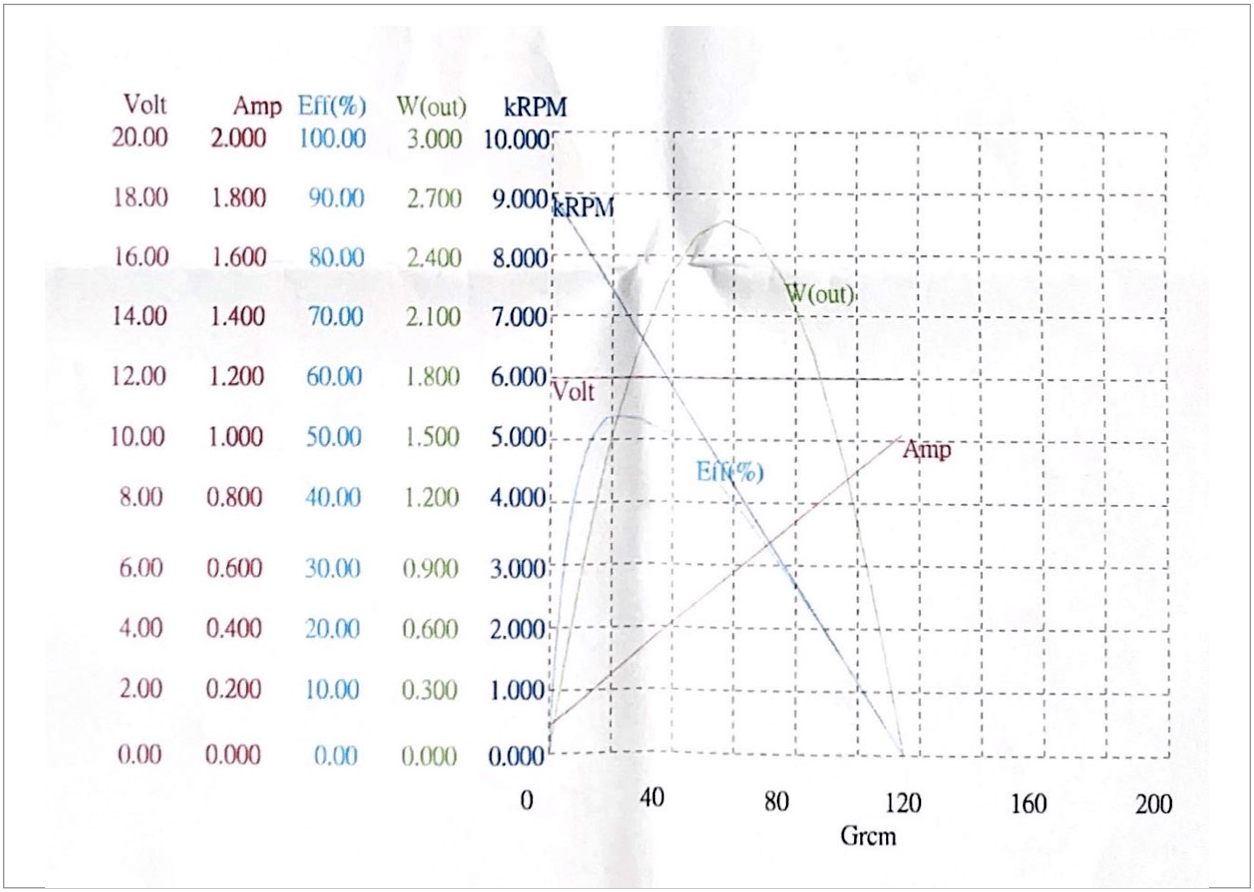
No-load R.P.M: 9,500rpm

No-load Current: 55mA (Max: 60mA)

Started Torque: 114g.cm

Test Date: 10-19-2022 A

	Speed R.P.M	Current Amps	Torque Kgcm	Eff(%)	W(out)	W(in)
Locked Rotor	0	1.023	114.675	0.00	0.0000	11.548
Max-Torque	0	1.023	114.675	0.00	0.0000	11.548
Max-Efficiency	6,731	0.322	28.747	54.68	1.9872	3.634
Max-W(out)	4,487	0.556	57.390	42.17	2.6447	6.272



Torque Constant: 122.9028

Motor Constant: 26.809