BLDC MOTOR PERFORMANCE CURVE

Customer: Evgeniy Zharovsky

Filename: CW - 1

Motor No.: NFP-BL1625-9V13.5K2.8W

Voltage: 9.0V DC

Pout Rated: 2.9W

Ambient Temperature: 25°C

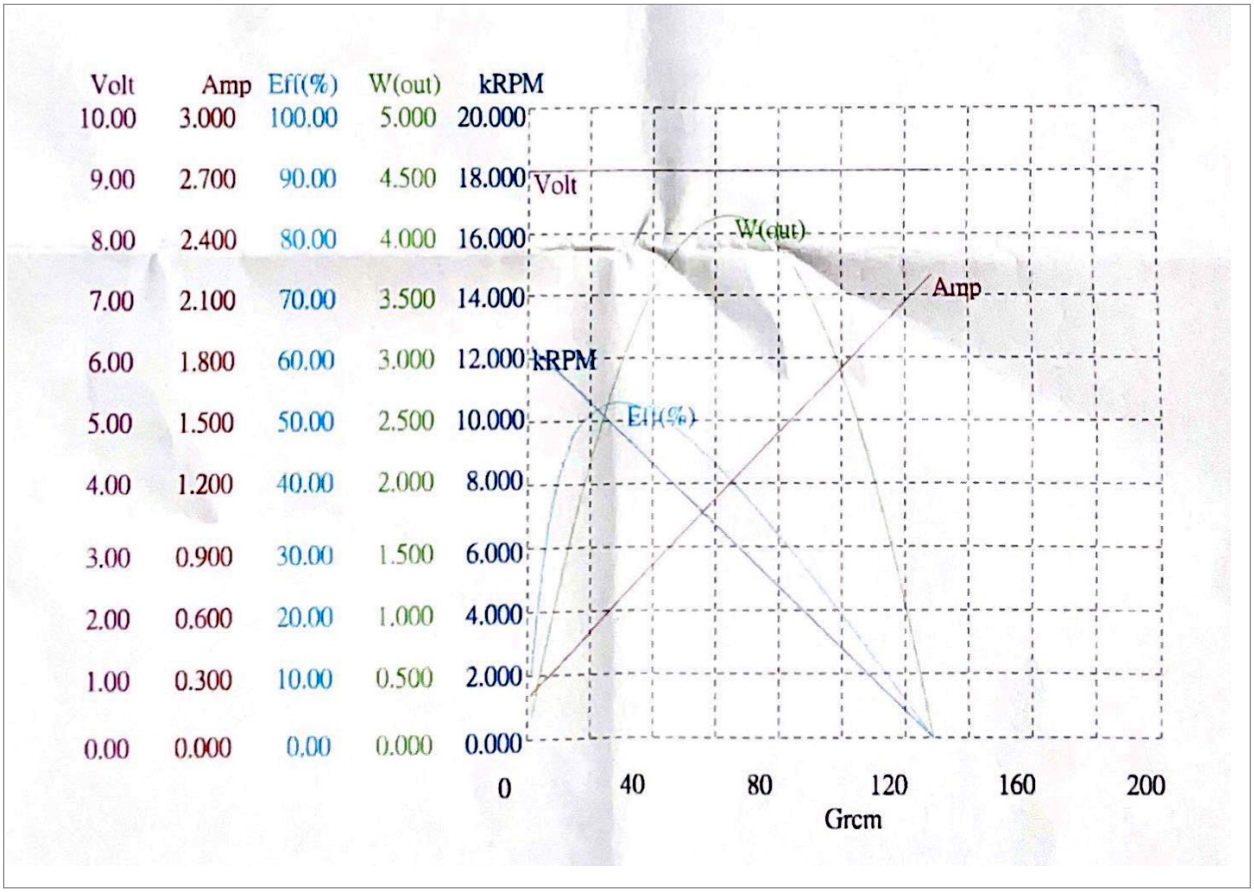
No-load R.P.M: 13,200rpm

No-load Current: 100mA (Max: 0.12A)

Started Torque: 128g.cm

Test Date: 10-14-2022 A

	Speed R.P.M	Current Amps	Torque Kgcm	Eff(%)	W(out)	W(in)
Locked Rotor	0	2.201	128.765	0.00	0.0000	18.714
Max–Torque	0	2.201	128.765	0.00	0.0000	18.714
Max–Efficiency	9,654	0.651	29.566	52.98	2.9311	5.533
Max–W(out)	6,296	1.190	64.070	40.94	4.1425	10.117



Torque Constant: 63.9803

Motor Constant: 22.4696