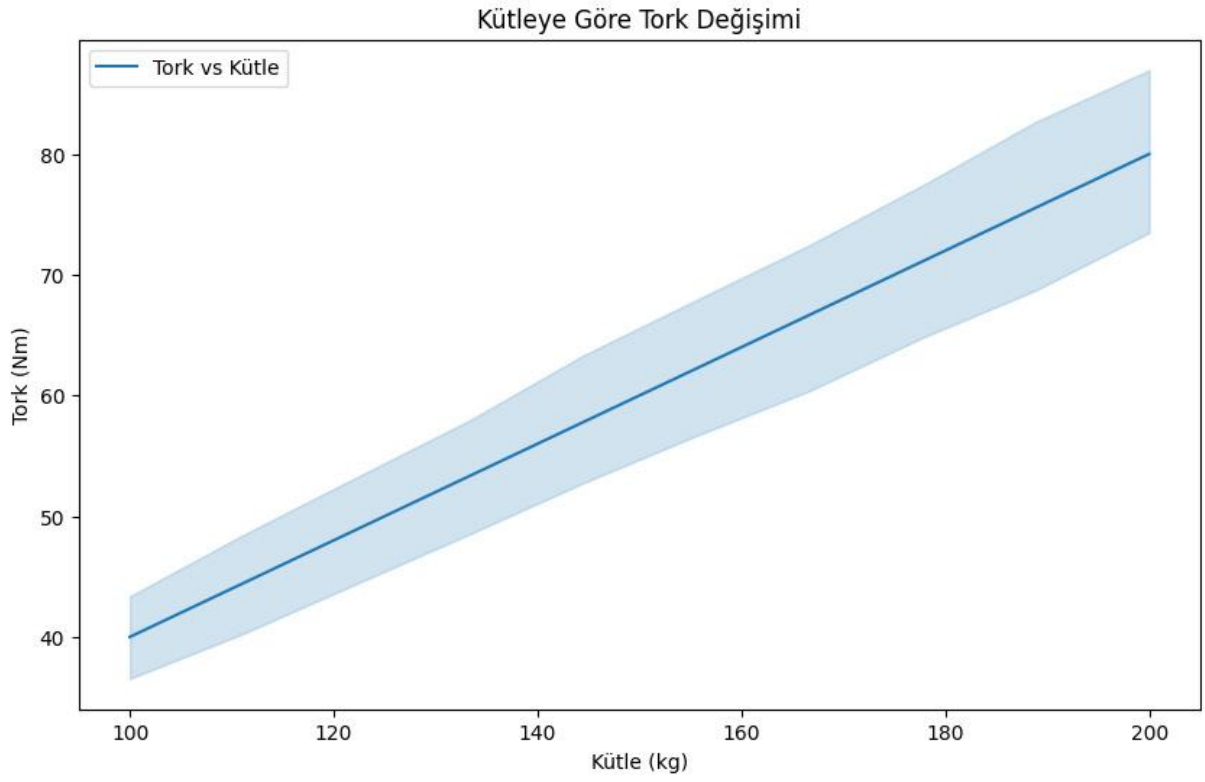


	Parametre	Değer	Birim
0	RR	17.65800	N
1	FA	291.66700	N
2	GR	102.64700	N
3	Crr	0.01200	boyutsuz
4	GVW	1471.50000	N
5	q yer çekimi ivmesi	9.81000	m/s2
6	tet	4.00000	derece
7	sintet	0.06976	None
8	m	150.00000	kg
9	a	1.94444	m/s2
10	Rf	0.20000	average
11	r wheel	0.20000	m
12	TTE	411.97100	N
13	Tork	16.47890	Nm
14	Tork(max)	61.80300	Nm
15	fraction	0.60000	None
16	statik friction	0.70000	None

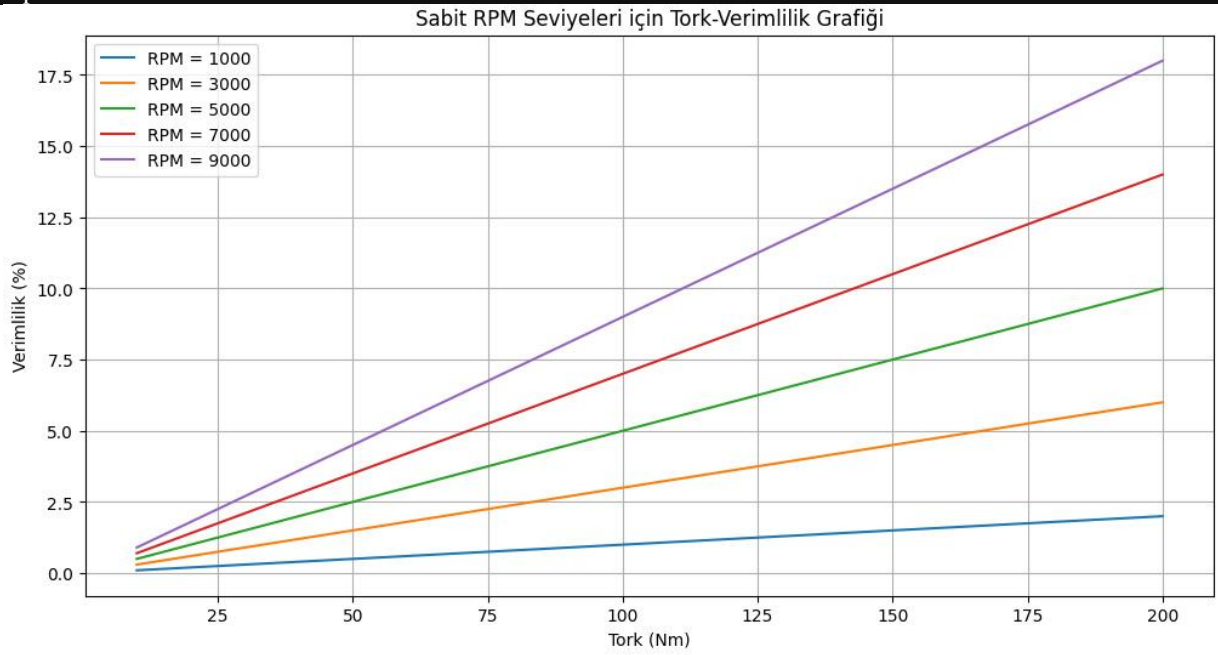
Hesaplanan Tork: 58.333200000000005 Nm

	Kütle (kg)	İvme (m/s ²)	Yarıçap (m)	Tork (Nm)
0	100.0	1.000000	0.1	10.000000
1	100.0	1.222222	0.1	12.222222
2	100.0	1.444444	0.1	14.444444
3	100.0	1.666667	0.1	16.666667
4	100.0	1.888889	0.1	18.888889
..
995	200.0	2.111111	0.3	126.666667
996	200.0	2.333333	0.3	140.000000
997	200.0	2.555556	0.3	153.333333
998	200.0	2.777778	0.3	166.666667
999	200.0	3.000000	0.3	180.000000

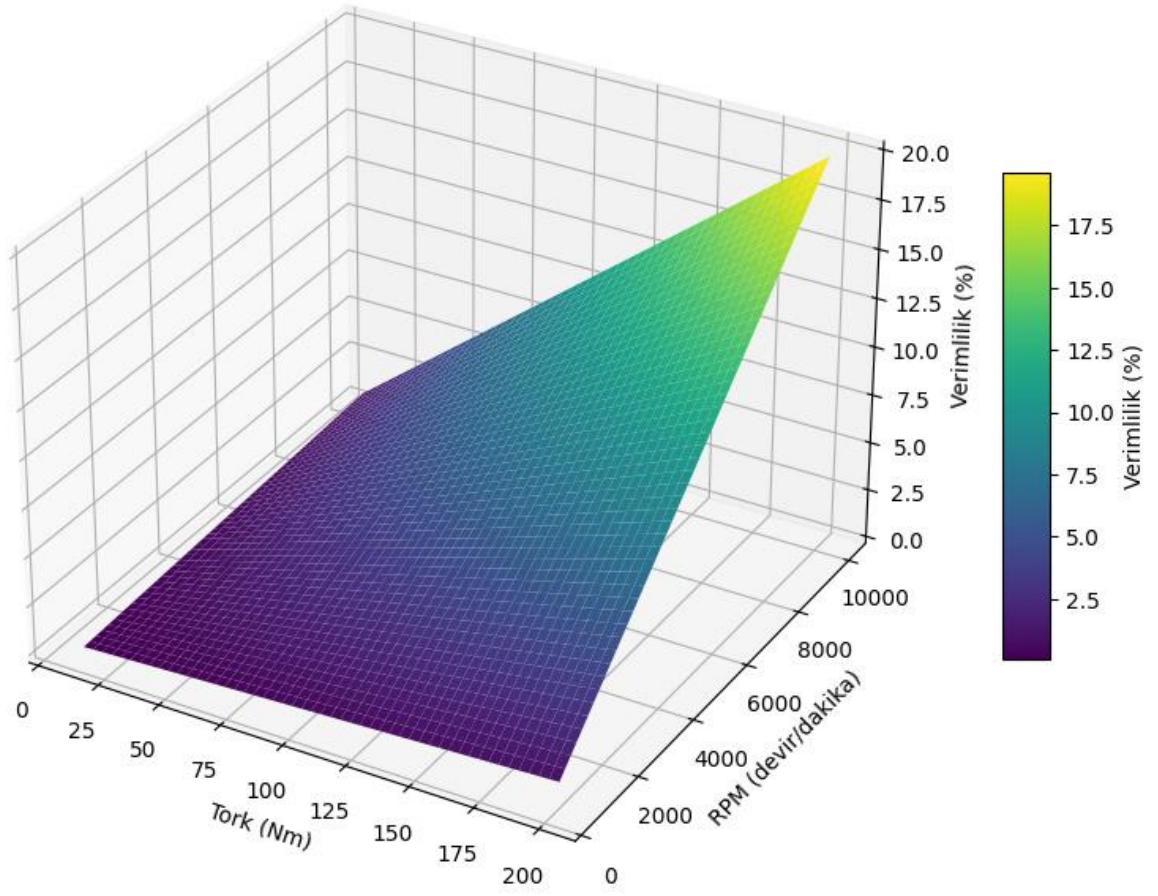
[1000 rows x 4 columns]



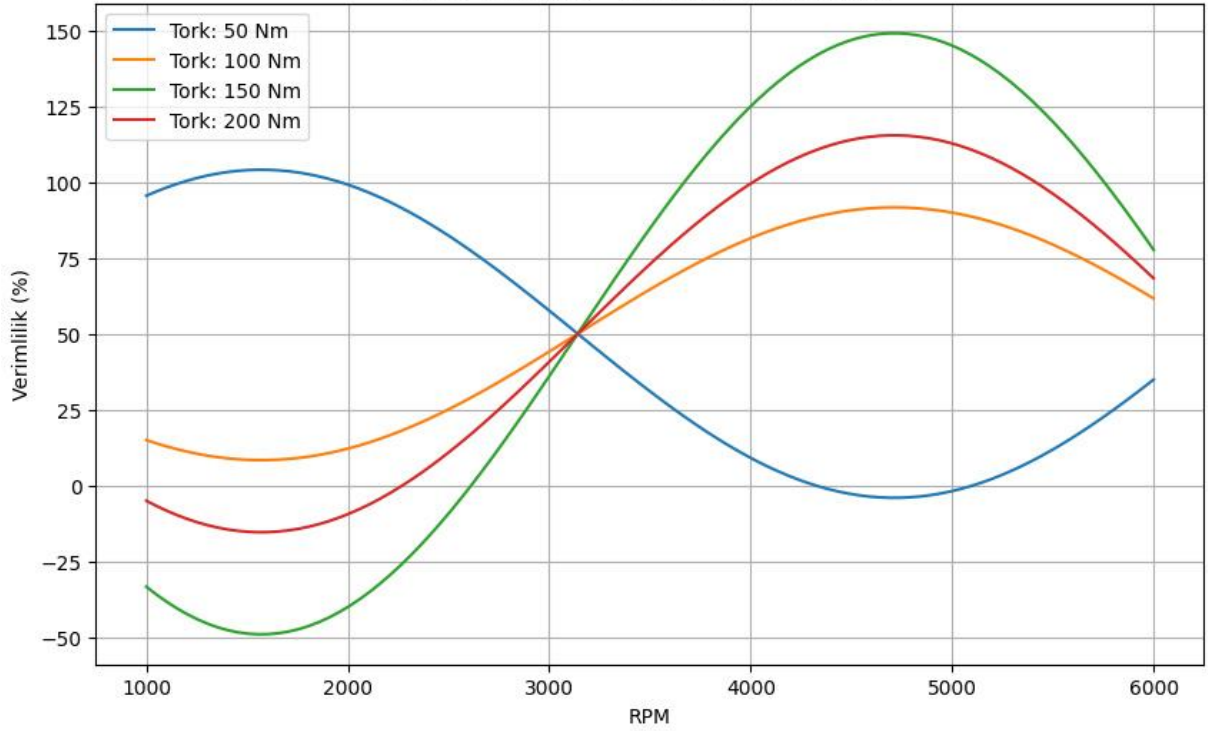
Optimum Parametreler: Kütle=200.00, İvme=3.00, Yarıçap=0.30
Optimum Tork: 180.00 Nm



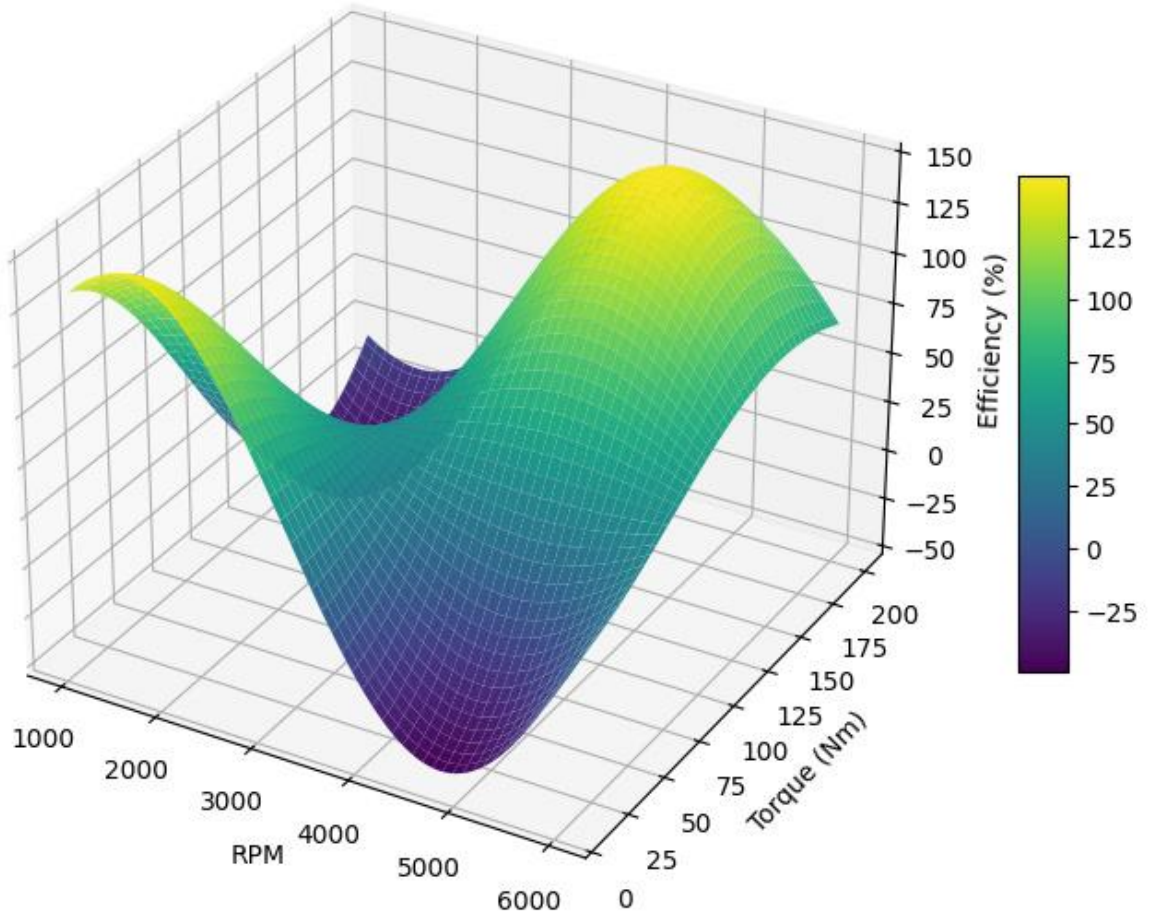
Tork-RPM-Verimlilik Yüzey Grafiği



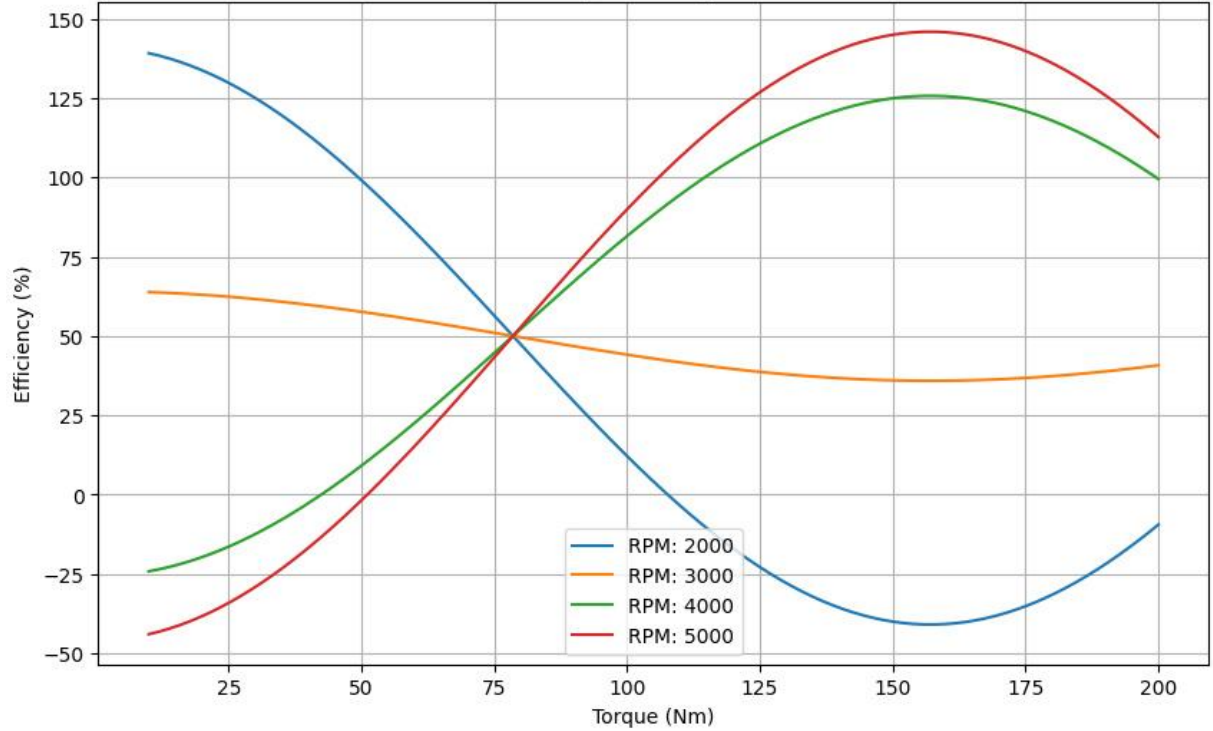
Motor Verimliliği - RPM ilişkisi (Sabit Tork)



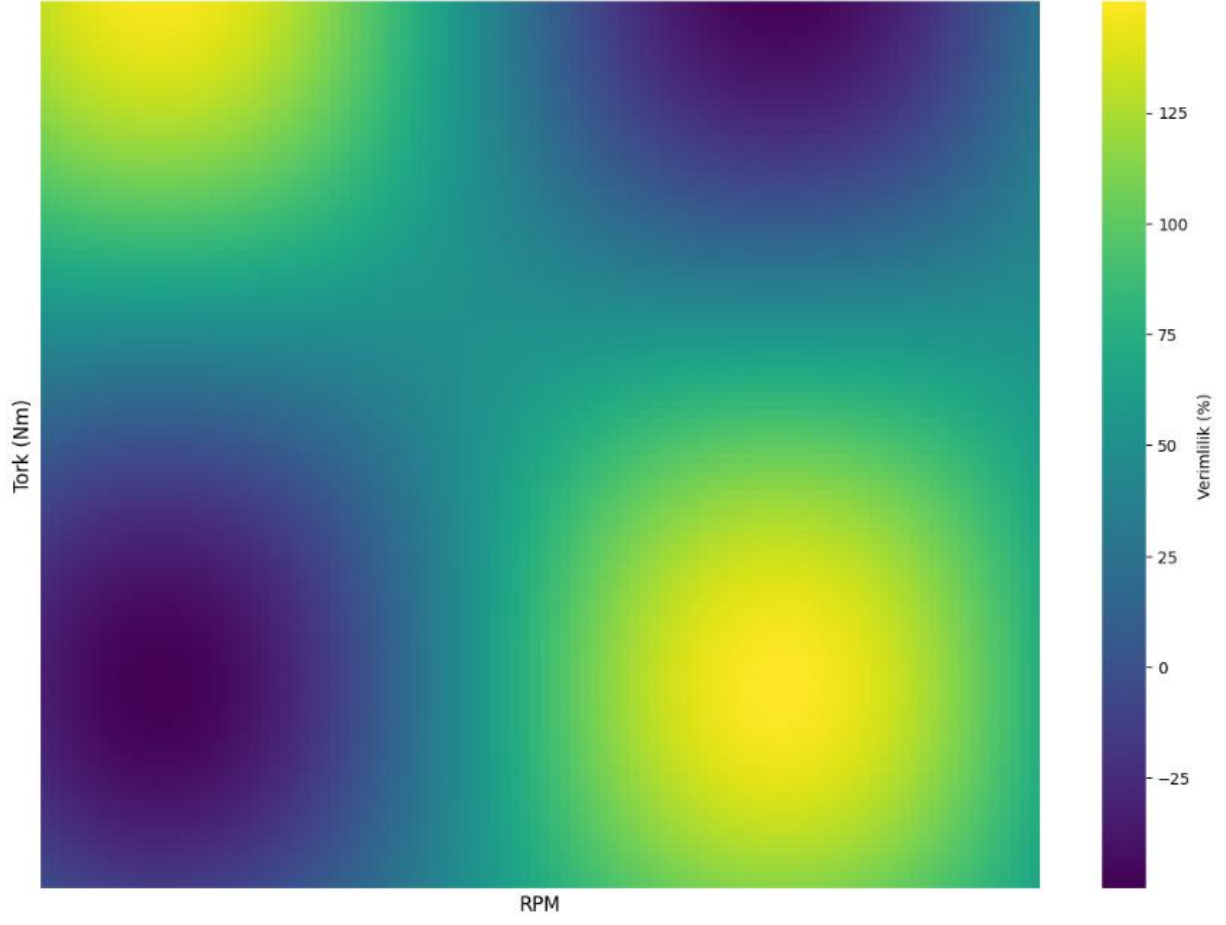
Motor Verimliliği - RPM ve Tork İlişkisi (3D)



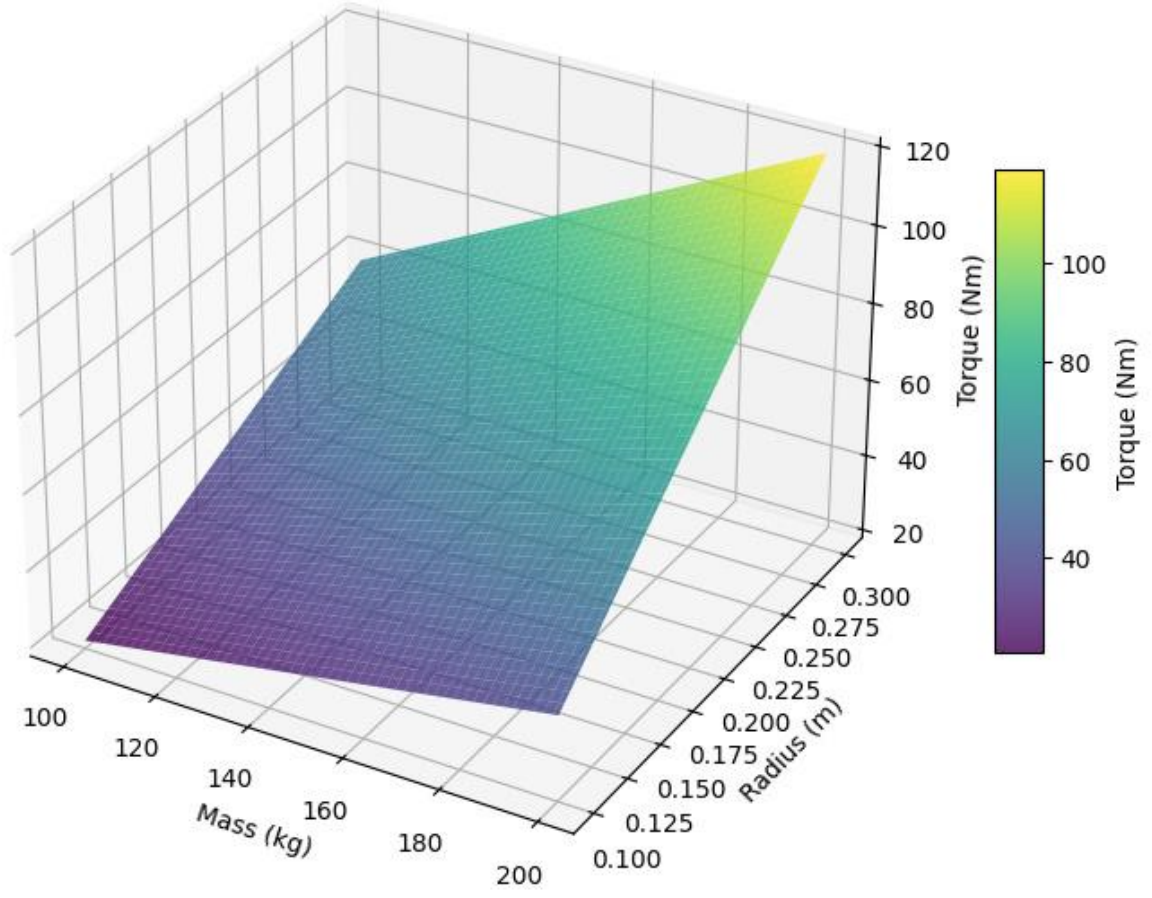
Motor Verimliliği - Tork İlişkisi (Sabit RPM)



Motor Verimliliği Haritası (RPM ve Tork)



3D Torque Optimization Surface



Optimizasyon Sonuçları:
Optimum Kütle: 200.00 kg
Optimum Yarıçap: 0.30 m
Optimum Tork: 120.00 Nm

