

	Torque(N.m)	Speed(r/min)	output power(W)	Voltage(V)	Current(A)	input power(W)	efficiency(%)
Max Torque	4.81	592.9	298.68	32.33	17.2	555.98	53.7
Max Speed	0	1535	0	36.21	1.68	61.01	0
Max output power	3.83	784.9	314.81	33.12	14.04	464.91	67.7
Max Voltage	0	1535	0	36.21	1.68	61.01	0
Max Current	4.81	592.9	298.68	32.33	17.2	555.98	53.7
Max input power	4.81	592.9	298.68	32.33	17.2	555.98	53.7
Max efficiency	1.75	1192.3	218.5	34.8	7.33	255.05	85.7
1	0	1535	0	36.21	1.25	61.01	0
2	0.03	1529.7	4.33	36.19	1.36	64.12	6.7
3	0.05	1524.4	8.62	36.17	1.59	67.23	12.8
4	0.08	1519.1	12.89	36.15	1.95	70.34	18.3
5	0.11	1513.8	17.12	36.13	2.03	73.44	23.3
6	0.14	1508.6	21.33	36.1	2.12	76.54	27.9
7	0.16	1503.3	25.5	36.08	2.21	79.64	32
8	0.19	1498	29.65	36.06	2.29	82.73	35.8
9	0.22	1492.7	33.77	36.04	2.38	85.82	39.3
10	0.24	1487.4	37.85	36.02	2.47	88.9	42.6
11	0.27	1482.1	41.91	35.99	2.56	91.98	45.6
12	0.29	1476.9	45.97	35.97	2.65	95.06	48.6
13	0.25	1486	38.91	36.01	2.49	89.7	43.4
14	0.26	1484.1	40.41	36	2.52	90.84	44.5
15	0.28	1480.3	43.5	36.08	2.61	93.5	46.7
16	0.31	1474.3	47.86	35.96	2.68	96.54	49.6
17	0.36	1464.5	55.21	35.92	2.85	102.23	54
18	0.38	1460.7	57.45	36.08	2.9	104.3	55.5
19	0.4	1456.7	61.02	35.89	2.97	106.77	57.2
20	0.43	1450.4	65.45	35.95	3.09	109.82	59.3
21	0.46	1444.9	69.6	35.84	3.17	113.56	61.4
22	0.48	1366.6	123.08	35.52	4.46	158.36	77.7
23	0.87	1364.6	124.33	35.51	4.49	159.47	78
24	1.12	1315.6	154.31	35.31	5.3	187.03	82.5
25	1.28	1284.3	172.16	35.18	5.81	204.5	84.2
26	1.54	1233.4	198.91	34.97	6.65	232.6	85.5
27	1.75	1192.3	218.5	34.8	7.33	255.05	85.7
28	1.97	1149.2	237.08	34.62	8.04	278.31	85.2
29	2.26	1092.4	258.53	34.39	8.97	308.59	83.8
30	2.55	1035.6	276.53	34.15	9.91	338.43	81.7
31	2.81	984.7	289.78	33.94	10.75	364.82	79.4
32	3.18	912.2	303.78	33.64	11.94	401.75	75.6
33	3.51	847.6	311.54	33.38	13.01	434.09	71.8
34	3.83	784.9	314.81	33.12	14.04	464.91	67.7
35	4.16	720.3	313.78	32.85	15.1	496.14	63.2
36	4.48	657.6	308.51	32.59	16.13	525.87	58.7
37	4.81	592.9	298.68	32.33	17.2	555.98	53.7

The above data is tested from our 36V 4 inch motor, our official website www.umotor.com