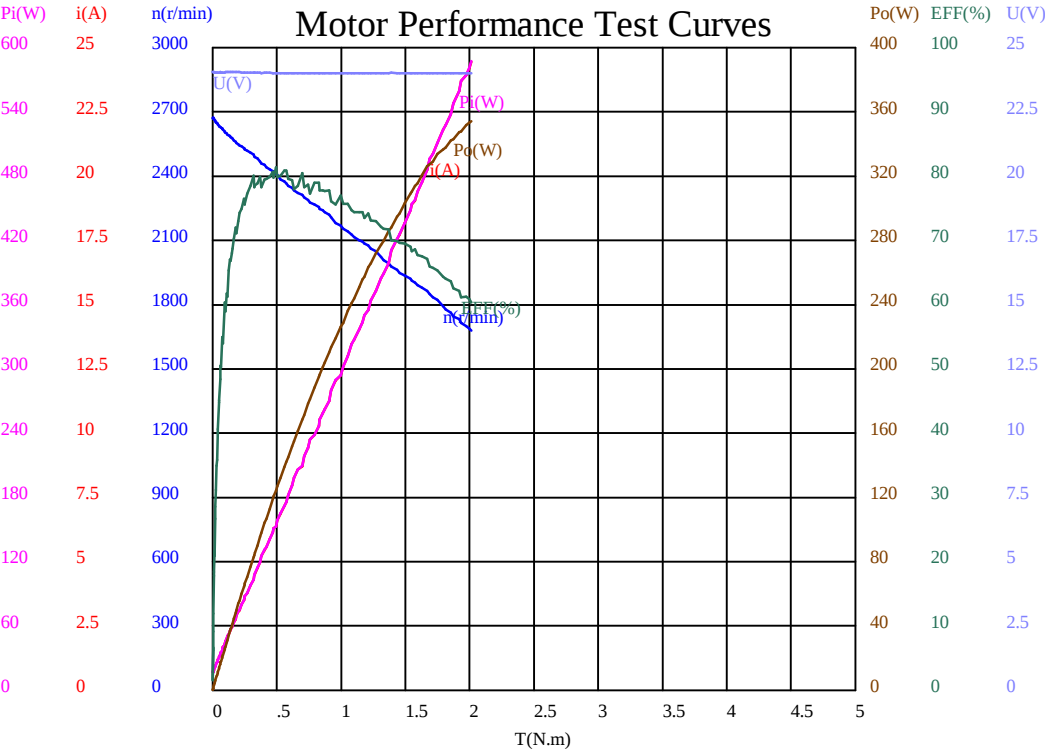


Test Report

Model: 80ZY170-2426	Manufacturer:	Prototype Code:	Report Number:
Environment:	Power Parameters: 24VDC	Motor Rotation: CCW	Other Information: 1.2N.M 2000RPM 16A
Transmission Change Ratio:	Tester:	Reviewers: CHX	Test Date: 2024-01-20



	U(V)	I(A)	Pi(W)	T(N.m)	n(r/min)	Po(W)	EFF(%)	P.F
No-Load	24.04	0.704	16.93	0.004	2673	1.12	6.62	1.000
Max-T	24.00	24.46	587.2	2.013	1680	354.1	60.30	1.000
Max-P2	24.00	24.46	587.2	2.013	1680	354.1	60.30	1.000
Max-EFF	24.01	6.361	152.7	0.492	2411	124.2	81.34	1.000
Rating	24.00	14.72	353.3	1.200	2079	261.2	73.92	1.000
Locked								

U(V)	I(A)	Pi(W)	T(N.m)	n(r/min)	Po(W)	EFF(%)	P.F
24.04	0.704	16.93	0.004	2673	1.12	6.62	1.000
24.04	0.723	17.38	0.001	2672	0.28	1.61	1.000
24.05	0.780	18.77	0.008	2669	2.24	11.93	1.000
24.02	0.857	20.58	0.016	2663	4.46	21.67	1.000
24.02	0.931	22.37	0.023	2655	6.39	28.57	1.000
24.02	1.093	26.26	0.034	2647	9.42	35.87	1.000
24.02	1.257	30.19	0.049	2636	13.53	44.82	1.000
24.03	1.430	34.36	0.063	2628	17.34	50.47	1.000
24.02	1.608	38.62	0.077	2621	21.13	54.71	1.000
24.02	1.820	43.72	0.096	2606	26.20	59.93	1.000
24.04	2.121	51.00	0.115	2595	31.25	61.27	1.000
24.04	2.373	57.06	0.141	2582	38.12	66.81	1.000
24.04	2.643	63.54	0.166	2566	44.60	70.19	1.000
24.04	3.072	73.84	0.202	2550	53.94	73.05	1.000
24.02	3.508	84.27	0.243	2532	64.43	76.46	1.000
24.02	3.792	91.07	0.267	2518	70.40	77.30	1.000
24.02	4.466	107.3	0.322	2492	84.02	78.30	1.000
24.02	4.983	119.7	0.370	2469	95.66	79.92	1.000
24.02	5.577	133.9	0.417	2442	106.6	79.61	1.000
24.01	6.287	151.0	0.476	2417	120.5	79.80	1.000
24.01	6.882	165.3	0.530	2385	132.4	80.10	1.000
24.01	7.587	182.2	0.588	2355	145.0	79.58	1.000
24.01	8.574	205.9	0.664	2323	161.5	78.44	1.000
24.01	9.437	226.6	0.744	2289	178.3	78.68	1.000
24.01	10.29	247.1	0.826	2256	195.1	78.96	1.000
24.01	10.93	262.4	0.873	2231	203.9	77.71	1.000
24.00	12.06	289.6	0.959	2181	219.0	75.62	1.000
24.00	13.00	312.1	1.053	2141	236.1	75.65	1.000
24.00	14.04	337.0	1.140	2101	250.8	74.42	1.000
24.00	14.79	355.0	1.212	2075	263.3	74.17	1.000
24.00	16.03	384.6	1.310	2022	277.4	72.13	1.000
24.02	17.11	411.0	1.391	1977	288.0	70.07	1.000
24.01	18.17	436.2	1.496	1936	303.3	69.53	1.000
24.01	19.05	457.5	1.575	1903	313.8	68.59	1.000
24.01	20.24	486.1	1.671	1864	326.2	67.11	1.000
24.01	21.28	511.0	1.751	1821	333.9	65.34	1.000
24.01	22.40	537.8	1.855	1762	342.3	63.65	1.000
24.00	23.70	568.9	1.935	1716	347.7	61.12	1.000
24.00	24.46	587.2	2.013	1680	354.1	60.30	1.000
24.00	24.46	587.2	2.013	1680	354.1	60.30	1.000