

4 series motor specs

48V

408 Motor 48 Volt Characteristic

A	N.m	r/min	W
4	2.93	439.6	134.882
5	3.86	429.7	173.693
6	4.64	422.1	205.099
7	5.66	412.3	244.376
8	6.65	401.9	279.878
9	7.5	394.1	309.526
10	8.59	382.9	344.436
11	9.65	373.3	377.238
12	10.69	364.3	407.818
13	11.65	352.5	430.046
14	12.25	346.8	444.882
15	13.51	334.9	473.806

Remark:

Test Voltage : 48 Voltage

Unload r/min : 471.5 r/min

409 Motor 48 Volt Characteristic

A	N.m	r/min	W
4	3.27	389.1	133.241
5	4.26	379.2	169.164
6	5.6	368.2	215.924
7	6.8	356.6	253.933
8	7.89	347.5	287.119
9	8.85	339.2	312.361
10	9.95	328.2	341.973
11	11.43	317.9	380.51
12	12.33	310.2	400.53
13	13.14	304.9	419.549
14	14.61	292.4	447.36
15	15.66	281.7	461.964

Remark:

Test Voltage : 48 Voltage

Unload r/min : 421.5 r/min

406 Motor 48 Volt Characteristic

A	N.m	r/min	W
4	1.39	615	98.52
5	1.88	605	119.109
6	2.79	594.1	173.577
7	3.37	585.9	206.768
8	4.3	574.5	258.695
9	4.94	563.2	291.353
10	5.73	557.6	334.585
11	6.41	546.7	366.975
12	7.24	536.8	406.987
13	8.04	527	443.707
14	8.75	517.8	474.46
15	9.46	509.8	500.034

Remark:

Test Voltage : 48 Voltage

Unload r/min : 643 r/min

4011 Motor 48 Volt Characteristic

A	N.m	r/min	W
4	5	279.2	146.189
5	6.36	268.5	178.826
6	7.73	258.2	209.009
7	9.38	245.4	241.05
8	10.77	235	265.041
9	12.51	221.3	289.913
10	13.69	213.1	305.504
11	15.33	201.2	322.998
12	16.59	191.4	332.52
13	18.09	181.5	343.831
14	19.86	168.5	350.436
15	21.01	106.1	352.247

Remark:

Test Voltage : 48 Voltage

Unload r/min : 320.9 r/min

36V

408 Motor 36 Volt Characteristic

A	N.m	r/min	W
4	3.15	324	106.877
5	3.87	317.4	128.632
6	4.66	309.9	151.23
7	5.65	300.7	177.945
8	6.88	289.8	208.793
9	7.76	282	229.161
10	8.78	272.8	250.824
11	9.68	265.1	268.729
12	10.68	256.7	287.096
13	11.68	248.4	303.825
14	12.72	239.4	318.89
15	13.77	230.6	332.524

Remark:

Test Voltage : 36 Voltage

Unload r/min : 356.4 r/min

409 Motor 36 Volt Characteristic

A	N.m	r/min	W
4	3.49	285.2	104.233
5	4.67	275.5	134.731
6	5.44	268.3	152.844
7	6.99	256.2	187.537
8	7.64	250.8	200.655
9	8.54	243.3	217.585
10	9.86	233.1	240.685
11	11.35	221.1	262.793
12	12.12	215	272.879
13	13.64	203.8	291.104
14	14.74	193.5	298.681
15	15.83	185.5	307.507

Remark:

Test Voltage : 36 Voltage

Unload r/min : 317.9 r/min

406 Motor 36 Volt Characteristic

A	N.m	r/min	W
4	1.83	456.7	87.521
5	2.65	446	123.769
6	3.41	436.5	155.872
7	4.18	427	186.911
8	4.7	423.5	208.44
9	5.38	414.6	233.583
10	6.33	402.9	267.073
11	6.97	395.3	288.529
12	7.73	387.2	313.433
13	8.37	377.9	331.232
14	9.15	369.8	354.338

Remark:

Test Voltage : 36 Voltage

Unload r/min : 481.8 r/min

4011 Motor 36 Volt Characteristic

A	N.m	r/min	W
4	5	200.1	104.772
5	6.63	188.2	130.666
6	7.95	179.3	149.272
7	9.63	168.6	170.025
8	11.15	155.89	185.536
9	12.75	148.5	198.274
10	3.77	142.3	205.196
11	15.55	131.5	214.134
12	17.16	122	219.233
13	18.16	116.6	221.74
14	20.16	105	221.671
15	21.74	94.7	215.595

Remark:

Test Voltage : 36 Voltage

Unload r/min : 238.6 r/min

24V

408 Motor 24 Volt Characteristic

A	N.m	r/min	W
4	3.25	208	70.791
5	4.11	201.1	86.553
6	5.03	139.4	101.872
7	5.91	185.8	114.991
8	7.04	176.7	130.268
9	8.16	168.2	143.729
10	8.91	162.6	151.715
11	10.18	153.1	163.212
12	10.81	148.3	167.879
13	12.21	138.1	176.579
14	13.1	131.6	180.533
15	14.18	123.9	183.989

Remark:

Test Voltage : 24 Voltage

Unload r/min : 237.4 r/min

409 Motor 24 Volt Characteristic

A	N.m	r/min	W
4	3.73	182.5	71.286
5	5.18	171.3	92.922
6	5.83	166.5	101.651
7	6.93	158.5	115.025
8	8.09	149.9	126.993
9	9.03	143.1	135.318
10	10.61	131.8	146.44
11	11.75	124.6	153.315
12	12.78	117.1	156.717
13	13.59	111.5	158.681
14	15.46	99.9	161.735
15	16.41	93.6	160.847

Remark:

Test Voltage : 24 Voltage

Unload r/min : 211.6 r/min

406 Motor 24 Volt Characteristic

A	N.m	r/min	W
4	2.03	296.1	62.945
5	2.77	288.8	83.773
6	3.44	282.1	101.623
7	4.09	275.3	117.912
8	4.92	268.1	138.131
9	5.55	262.5	152.564
10	6.24	225.4	166.892
11	6.93	249.6	181.137
12	7.65	241.2	193.227
13	8.21	237.8	204.449
14	9.21	227.2	219.128
15	9.76	221.1	225.979
16	10.52	212.8	234.432
17	11.42	191.8	229.374
18	12.19	174.5	222.756
19	14.82	115.6	179.405

Remark:

Test Voltage : 24 Voltage

Unload r/min : 318 r/min

4011 Motor 24 Volt Characteristic

A	N.m	r/min	W
4	5.03	121.6	64.052
5	6.84	112.4	80.51
6	8.39	103.8	91.199
7	9.88	95.1	98.394
8	11.34	87.3	103.671
9	12.91	78.6	106.262
10	14.07	72	106.086
11	15.16	65.6	104.144

Remark:

Test Voltage : 24 Voltage

Unload r/min : 158.2r/min