



Model	Size(mm)	Weight(g/oz)	4.8V		6V	
			Speed(sec/60deg)	Torque(kg-cm/oz-in)	Speed(sec/60deg)	Torque(kg-cm/oz-in)
PICO F	22.8 x 9.5 x 15.5	5.4/0.19	0.09	0.53/7	0.07	0.63/8
PICO	22.8 x 9.5 x 15.5	5.4/0.19	0.12	0.70/10	0.09	0.84/11

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PICO+ F	22.8 x 9.5 x 19.8	6.2/0.22	0.12	0.79/11	0.10	0.90/12
PICO+	22.8 x 9.5 x 19.8	6.2/0.22	0.16	1.05/14	0.13	1.2/16

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NARO	21.8 x 11.0 x 19.7	9/0.32	0.11	0.80/11	0.09	1.00/14
NARO HP	21.8 x 11.0 x 19.7	9/0.32	0.09	1.40/19	0.078	1.70/23
NARO+F	22.2 x 11.0 x 22.85	10/0.36	0.15	1.40/19	0.12	1.60/22
NARO+	22.2 x 11.0 x 22.85	10/0.36	0.19	1.60/22	0.15	2.00/28
NARO+F HP	22.2 x 11.0 x 22.85	10/0.36	0.10	1.70/24	not recommend at 6V under heavy loading	
NARO+ HP	22.2 x 11.0 x 22.85	10/0.36	0.14	2.20/31		
NARO PRO	27.0 x 12.7 x 22.4	13/0.46	0.12	1.60/22		
NARO MAX	27.0 x 12.7 x 24.6	14/0.49	0.15	1.80/25		

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S3002	31.0 x 16.1 x 30.0	24/0.85	0.23	3.20/44	0.18	3.40/47
S3002 HP	31.0 x 16.1 x 30.0	24/0.85	0.19	3.80/53	not recommend at 6V	

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S136G-M	45.0 x 22.7 x 24.5	34/1.20	0.50	7.40/103	0.33	8.00/111
S136L	45.0 x 22.7 x 24.5	34/1.20	0.33	8.00/111	0.26	9.00/125

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S9102	44.9 x 22.5 x 28.8	42/1.48	0.16	2.5/35	0.13	3.10/43
S9102F	44.9 x 22.5 x 28.8	32/1.13	0.09	2.5/35	0.08	2.90/40
S9102HP	44.9 x 22.5 x 28.8	32/1.13	0.09	2.70/38	0.08	3.20/45
S9102FX	44.9 x 22.5 x 28.8	32/1.13	0.09	3.00/42	0.08	3.50/49
S9102HPX	44.9 x 22.5 x 28.8	32/1.13	0.11	3.45/48	0.09	4.10/57

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S05 HPX	40.6 x 20.0 x 38.0	42/1.48	0.22	7.00/98	0.18	8.40/116
S05 HPX MG	40.6 x 20.0 x 38.0	49/1.73	0.22	7.00/98	0.18	8.40/116
S07 HPX	40.6 x 20.0 x 38.0	42/1.48	0.18	6.00/83	0.14	7.2/100
S07 HPX MG	40.6 x 20.0 x 38.0	49/1.73	0.18	6.00/83	0.14	7.2/100
S09 HPX	40.6 x 20.0 x 38.0	42/1.48	0.14	5.40/74	0.11	6.40/88
S09 HPX MG	40.6 x 20.0 x 38.0	49/1.73	0.14	5.40/74	0.11	6.40/88
S05 CL	40.6 x 20.0 x 38.0	45/1.59	0.16	7.80/108	0.13	9.20/127
S05 CL MG	40.6 x 20.0 x 38.0	52/1.83	0.16	7.80/108	0.13	9.20/127
S07 CL	40.6 x 20.0 x 38.0	45/1.59	0.12	7.00/98	0.10	8.00/110
S07 CL MG	40.6 x 20.0 x 38.0	52/1.83	0.12	7.00/98	0.10	8.00/110
S09 CL	40.6 x 20.0 x 38.0	45/1.59	0.10	6.00/83	0.08	7.2/100
S09 CL MG	40.6 x 20.0 x 38.0	52/1.83	0.10	6.00/83	0.08	7.2/100

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S04	54.4 x 26.5 x 51.5	114/4.00	0.25	10.00/139	0.20	13.00/181

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S03	40.5 x 20.0 x 38.2	44/1.55	0.15	2.70/38	0.12	3.20/45
S05	40.6 x 20.0 x 38.0	45/1.58	0.23	3.40/47	0.18	4.00/56
S05 2BBMG	40.6 x 20.0 x 38.0	54/1.94	0.21	3.47/37	0.17	4.20/58
S07	40.6 x 20.0 x 38.0	45/1.58	0.18	2.80/39	0.15	3.20/44
S07 2BBMG	40.6 x 20.0 x 38.0	54/1.94	0.17	2.80/39	0.14	3.40/47
S09	40.6 x 20.0 x 38.0	45/1.58	0.15	2.20/31	0.12	2.45/34
S09 2BBMG	40.6 x 20.0 x 38.0	54/1.94	0.14	2.50/35	0.11	3.00/42

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S06	40.5 x 20.0 x 42.8	48/1.69	0.33	7.20/100	0.27	8.00/111
S06 2BBMG	40.6 x 20.0 x 42.8	57/2.01	0.33	7.40/103	0.27	8.60/119
S08	40.6 x 20.0 x 42.8	48/1.69	0.27	5.80/81	0.22	6.50/90
S08 2BBMG	40.6 x 20.0 x 42.8	57/2.01	0.27	6.00/83	0.22	6.95/97
S10	40.6 x 20.0 x 42.8	48/1.69	0.21	5.00/69	0.17	6.20/86
S10 2BBMG	40.6 x 20.0 x 42.8	57/2.01	0.21	5.60/78	0.17	6.40/89

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S666 STD	63.0 x 32.0 x 61.6	136/4.78	0.28	13.0/181	0.22	15.0/208
S666 FET	63.0 x 32.0 x 61.6	148/5.22	0.28	18.0/250	0.22	24.0/333
S666 N	63.0 x 32.0 x 61.6	165/5.80	0.24	24.00+/333+	0.20	28.80+/399+
S666 NF	63.0 x 32.0 x 61.6	165/5.80	0.19	18.50/257	0.16	22.50/312
S666 NXF	63.0 x 32.0 x 61.6	165/5.80	0.15	15.00/208	0.13	18.00/250