

Standard Servo

No.	Picture	Model Name	Voltage	Operating Speed	Torque	Motor	Dimension	Weight	Shell Material		Gear
			V	sec/60°	Kg-cm	Type	mm	g	Top	Medium	Type
1		A72BHX	4.8-8.4V	0.160sec/60° @ 4.8V 0.135sec/60° @ 6.0V 0.115sec/60° @ 7.4V 0.100sec/60° @ 8.4V	15.0 kg-cm (208 oz-in) @ 4.8V 18.0 kg-cm (250 oz-in) @ 6.0V 22.5 kg-cm (312 oz-in) @ 7.4V 26.0 kg-cm (361 oz-in) @ 8.4V	Brushless	40*20*37.5mm	74.7g	Metal		Steel
2		A73BHLW V2	4.8-8.4V	0.145sec/60° @ 4.8V 0.123sec/60° @ 6.0V 0.110sec/60° @ 7.4V 0.100sec/60° @ 8.4V	25 kg-cm (347 oz-in) @ 4.8V 29 kg-cm (403 oz-in) @ 6.0V 35 kg-cm (486 oz-in) @ 7.4V 40 kg-cm (556 oz-in) @ 8.4V	Brushless	40*20*37.5mm	76.6g	Metal		Steel
3		A73CHLW V2	4.8-8.4V	0.180sec/60° @ 4.8V 0.160sec/60° @ 6.0V 0.145sec/60° @ 7.4V 0.135sec/60° @ 8.4V	22 kg-cm (305.8oz-in) @ 4.8V 26 kg-cm (361.07oz-in) @ 6.0V 29 kg-cm (402.73 oz-in) @ 7.4V 32 kg-cm (444.40 oz-in) @ 8.4V	Coreless	40*20*37.5mm	73.5g	Metal		Steel
4		A80BHSW V2	4.8-8.4V	0.120sec/60° @ 4.8V 0.110sec/60° @ 6.0V 0.083sec/60° @ 7.4V 0.071sec/60° @ 8.4V	23 kg-cm (319 oz-in) @ 4.8V 28 kg-cm (389 oz-in) @ 6.0V 33 kg-cm (458 oz-in) @ 7.4V 36 kg-cm (500 oz-in) @ 8.4V	Brushless	40*20*37.5mm	81g	CNC		Steel
5		A80BHMW V2	4.8-8.4V	0.140sec/60° @ 4.8V 0.120sec/60° @ 6.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V	27 kg-cm (375 oz-in) @ 4.8V 31 kg-cm (430 oz-in) @ 6.0V 36 kg-cm (500 oz-in) @ 7.4V 40 kg-cm (556 oz-in) @ 8.4V	Brushless	40*20*37.5mm	81g	CNC		Steel
6		A81FHX	4.8-8.4V	0.125sec/60° @ 4.8V 0.105sec/60° @ 6.0V 0.092sec/60° @ 7.4V 0.082sec/60° @ 8.4V	36 kg-cm (500 oz-in) @ 4.8V 43 kg-cm (597 oz-in) @ 6.0V 48 kg-cm (667 oz-in) @ 7.4V 54 kg-cm (750 oz-in) @ 8.4V	Brushless	40*20*38mm	88g	CNC		Steel
7		A81FHS	4.8-8.4V	0.160sec/60° @ 4.8V 0.135sec/60° @ 6.0V 0.120sec/60° @ 7.4V 0.105sec/60° @ 8.4V	42 kg-cm (583oz-in) @ 4.8V 52 kg-cm (722 oz-in) @ 6.0V 60 kg-cm (834 oz-in) @ 7.4V 68 kg-cm (945 oz-in) @ 8.4V	Brushless	40*20*38mm	88g	CNC		Steel
8		A81FHM	4.8-8.4V	0.190sec/60° @ 4.8V 0.165sec/60° @ 6.0V 0.135sec/60° @ 7.4V 0.125sec/60° @ 8.4V	45 kg-cm (625 oz-in) @ 4.8V 55 kg-cm (764 oz-in) @ 6.0V 65 kg-cm (903 oz-in) @ 7.4V 74 kg-cm (1028 oz-in) @ 8.4V	Brushless	40*20*38mm	88g	CNC		Steel
9		A81CHL	4.8-8.4V	0.235sec/60° @ 4.8V 0.205sec/60° @ 6.0V 0.180sec/60° @ 7.4V 0.168sec/60° @ 8.4V	32 kg-cm (444 oz-in) @ 4.8V 40 kg-cm (556 oz-in) @ 6.0V 46 kg-cm (639 oz-in) @ 7.4V 50 kg-cm (695 oz-in) @ 8.4V	Coreless	40*20*37.5mm	78g	CNC		Steel
10		A81BHP	4.8-8.4V	0.080sec/60° @ 4.8V 0.070sec/60° @ 6.0V 0.060sec/60° @ 7.4V 0.052sec/60° @ 8.4V	12 kg-cm (167 oz-in) @ 4.8V 16 kg-cm (222 oz-in) @ 6.0V 19 kg-cm (264 oz-in) @ 7.4V 23 kg-cm (320 oz-in) @ 8.4V	Brushless	40*20*37.5mm	78g	CNC		Steel

11		A81BHS	4.8-8.4V	0.110sec/60° @ 4.8V 0.097sec/60° @ 5.0V 0.086sec/60° @ 7.4V 0.075sec/60° @ 8.4V	25 kg-cm (347 oz-in) @ 4.8V 28 kg-cm (389 oz-in) @ 5.0V 31 kg-cm (430 oz-in) @ 7.4V 35 kg-cm (486 oz-in) @ 8.4V	Brushless	40*20*37.5mm	78g	CNC	Steel	
12		A81BHM	4.8-8.4V	0.14sec/60° @ 4.8V 0.115sec/60° @ 5.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V	28 kg-cm (389 oz-in) @ 4.8V 34 kg-cm (473 oz-in) @ 5.0V 39 kg-cm (542 oz-in) @ 7.4V 45 kg-cm (625 oz-in) @ 8.4V	Brushless	40*20*37.5mm	78g	CNC	Steel	
13		A81BHPW	4.8-8.4V	0.080sec/60° @ 4.8V 0.070sec/60° @ 5.0V 0.060sec/60° @ 7.4V 0.052sec/60° @ 8.4V	12 kg-cm (167 oz-in) @ 4.8V 16 kg-cm (222 oz-in) @ 5.0V 19 kg-cm (264 oz-in) @ 7.4V 23 kg-cm (320 oz-in) @ 8.4V	Brushless	40*20*37.5mm	78g	CNC	Steel	
14		A81BHSW	4.8-8.4V	0.110sec/60° @ 4.8V 0.097sec/60° @ 5.0V 0.086sec/60° @ 7.4V 0.075sec/60° @ 8.4V	25 kg-cm (347 oz-in) @ 4.8V 28 kg-cm (389 oz-in) @ 5.0V 31 kg-cm (430 oz-in) @ 7.4V 35 kg-cm (486 oz-in) @ 8.4V	Brushless	40*20*37.5mm	79g	CNC	Steel	
15		A81BHMW	4.8-8.4V	0.140sec/60° @ 4.8V 0.115sec/60° @ 5.0V 0.100sec/60° @ 7.4V 0.085sec/60° @ 8.4V	28 kg-cm (389 oz-in) @ 4.8V 34 kg-cm (472 oz-in) @ 5.0V 39 kg-cm (542 oz-in) @ 7.4V 45 kg-cm (625 oz-in) @ 8.4V	Brushless	40*20*37.5mm	79g	CNC	Steel	
16		A81BMWP	4.8-8.4V	0.145sec/60° @ 4.8V 0.125sec/60° @ 5.0V 0.100sec/60° @ 7.4V 0.087sec/60° @ 8.4V	32 kg-cm (444 oz-in) @ 4.8V 39 kg-cm (542 oz-in) @ 5.0V 48 kg-cm (667 oz-in) @ 7.4V 55 kg-cm (764 oz-in) @ 8.4V	Brushless	40*20*37.5mm	83g	CNC	Steel	
17		B53DHS	4.8-8.4V	0.240sec/60° @ 4.8V 0.220sec/60° @ 5.0V 0.200sec/60° @ 7.4V 0.190sec/60° @ 8.4V	17.0 kg-cm (236 oz-in) @ 4.8V 19.0 kg-cm (264 oz-in) @ 5.0V 21.5 kg-cm (298 oz-in) @ 7.4V 24.0 kg-cm (333 oz-in) @ 8.4V	DC	40*20*42.3mm	65g	Plastic	CNC	Titanium
18		B53DHN	4.8-8.4V	0.230sec/60° @ 4.8V 0.210sec/60° @ 5.0V 0.185sec/60° @ 7.4V 0.170sec/60° @ 8.4V	13.0 kg-cm (180 oz-in) @ 4.8V 15.0 kg-cm (208 oz-in) @ 5.0V 18.0 kg-cm (248 oz-in) @ 7.4V 20.0 kg-cm (278 oz-in) @ 8.4V	DC	40*20*42.3mm	65g	Plastic	CNC	Titanium
19		B53CHL V2	4.8-8.4V	0.180sec /60° @ 4.8V 0.160sec /60° @ 5.0V 0.145sec /60° @ 7.4V 0.135sec /60° @ 8.4V	22 kg-cm (306 oz-in) @ 4.8V 26 kg-cm (361 oz-in) @ 5.0V 29 kg-cm (403 oz-in) @ 7.4V 32 kg-cm (445 oz-in) @ 8.4V	Coreless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
20		B53CHLW (Waterproof)	4.8-8.4V	0.180sec /60° @ 4.8V 0.160sec /60° @ 5.0V 0.145sec /60° @ 7.4V 0.135sec /60° @ 8.4V	22 kg-cm (306 oz-in) @ 4.8V 26 kg-cm (361 oz-in) @ 5.0V 29 kg-cm (403 oz-in) @ 7.4V 32 kg-cm (445 oz-in) @ 8.4V	Coreless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
21		B53CHM V2	4.8-8.4V	0.160sec/60° @ 4.8V 0.140sec/60° @ 5.0V 0.110sec/60° @ 7.4V 0.100sec/60° @ 8.4V	19 kg-cm (264 oz-in) @ 4.8V 22 kg-cm (305 oz-in) @ 5.0V 24 kg-cm (333 oz-in) @ 7.4V 26 kg-cm (361 oz-in) @ 8.4V	Coreless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
22		B53CHN V2	4.8-8.4V	0.100sec/60° @ 4.8V 0.092sec/60° @ 5.0V 0.070sec/60° @ 7.4V 0.060sec/60° @ 8.4V	12.0 kg-cm (166 oz-in) @ 4.8V 15.0 kg-cm (208 oz-in) @ 5.0V 18.0 kg-cm (250 oz-in) @ 7.4V 20.5 kg-cm (284 oz-in) @ 8.4V	Coreless	40*20*37.5mm	69.5g	Plastic	CNC	Steel

23		B53BHP V2	4.8-8.4V	0.085sec/60° @ 4.8V 0.075sec/60° @ 6.0V 0.065sec/60° @ 7.4V 0.055sec/60° @ 8.4V	10 kg-cm (139 oz-in) @ 4.8V 14 kg-cm (195 oz-in) @ 6.0V 17 kg-cm (236 oz-in) @ 7.4V 20 kg-cm (278 oz-in) @ 8.4V	Brushless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
24		B53BHPW (Waterproof)	4.8-8.4V	0.085sec/60° @ 4.8V 0.075sec/60° @ 6.0V 0.065sec/60° @ 7.4V 0.055sec/60° @ 8.4V	10 kg-cm (139 oz-in) @ 4.8V 14 kg-cm (195 oz-in) @ 6.0V 17 kg-cm (236 oz-in) @ 7.4V 20 kg-cm (278 oz-in) @ 8.4V	Brushless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
25		B53BHL V2	4.8-8.4V	0.150sec/60° @ 4.8V 0.125sec/60° @ 6.0V 0.105sec/60° @ 7.4V 0.090sec/60° @ 8.4V	21 kg-cm (292 oz-in) @ 4.8V 23 kg-cm (320 oz-in) @ 6.0V 28 kg-cm (389 oz-in) @ 7.4V 31 kg-cm (430 oz-in) @ 8.4V	Brushless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
26		B53BHLW (Waterproof)	4.8-8.4V	0.150sec/60° @ 4.8V 0.125sec/60° @ 6.0V 0.105sec/60° @ 7.4V 0.090sec/60° @ 8.4V	21 kg-cm (292 oz-in) @ 4.8V 23 kg-cm (320 oz-in) @ 6.0V 28 kg-cm (389 oz-in) @ 7.4V 31 kg-cm (430 oz-in) @ 8.4V	Brushless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
27		B53CHM V2	4.8-8.4V	0.160sec/60° @ 4.8V 0.140sec/60° @ 6.0V 0.110sec/60° @ 7.4V 0.100sec/60° @ 8.4V	19 kg-cm (264 oz-in) @ 4.8V 22 kg-cm (305 oz-in) @ 6.0V 24 kg-cm (333 oz-in) @ 7.4V 26 kg-cm (361 oz-in) @ 8.4V	Coreless	40*20*37.5mm	69.5g	Plastic	CNC	Steel
28		B52DLS	4.8-6.0V	0.22sec/60° @ 4.8V 0.20sec/60° @ 6.0V	6.5 kg-cm (90 oz-in) @ 4.8V 7.5 kg-cm (104 oz-in) @ 6.0V	DC	40*20*40mm	62.3g	Plastic		Metal
29		B55DLS	4.8-6.0V	0.24sec/60° @ 4.8V 0.22sec/60° @ 6.0V	10.0 kg-cm (139 oz-in) @ 4.8V 11.5 kg-cm (160 oz-in) @ 6.0V	DC	40*20*40mm	62.3g	Plastic		Metal
30		B55DLM	4.8-6.0V	0.26sec/60° @ 4.8V 0.24sec/60° @ 6.0V	15 kg-cm (208 oz-in) @ 4.8V 17 kg-cm (236 oz-in) @ 6.0V	DC	40*20*40mm	62.3g	Plastic		Metal