

MKS SERVOS - AEROPLANE/HELI SERIES

	Code	Torque (kg·cm)					Speed (s/60°)					Dimensions (mm)	Weight (g)	Case	
		4.8 V	5.5 V	6.0 V	7.4 V	8.2 V	4.8 V	5.5 V	6.0 V	7.4 V	8.2 V				
Std.	HBL850			18.2	22.5	24.9			0.100	0.079	0.071	40×20×38.5	73	Aluminium	
	HBL880			8.2	10.1	11.2			0.044	0.036	0.032	40×20×38.5	73	Aluminium	
	HBL950			13.3	16.5	18.2			0.120	0.100	0.090	40×20×40	70.3	Aluminium	
	HBL960			13.6	17.0	18.6			0.120	0.100	0.090	40×20×40	70.2	Aluminium	
	HBL980			4.5	5.6	6.2			0.040	0.036	0.030	40×20×40	70.3	Aluminium	
	HBL990			4.7	5.8	6.3			0.040	0.036	0.030	40×20×40	70.2	Aluminium	
	HBL665			12.2	15.2	16.7			0.130	0.100	0.090	40×20×40	63.0	Alu/plastic	
	HBL669			4.2	5.1	5.7			0.050	0.040	0.030	40×20×40	63.0	Alu/plastic	
	DS760 (AL)	3.9		4.9			0.034		0.027			40×20×40	75.0	Alu/plastic	
	HBL388			50.0	60.0	68.0			0.190	0.160	0.140	43×22×39.65	93.3	Aluminium	
	HBL3850			42.0	51.0	57.0			0.142	0.115	0.104	40×20×38.5	81.0	Aluminium	
	HBL380			31.0	39.0	41.0			0.114	0.092	0.082	40×20×38.5	73.0	Aluminium	
	HV777A+			29.5	36.5	40.4			0.130	0.110	0.100	40×20×40	75.4	Aluminium	
	HV9930			31.4	38.8	43.0			0.135	0.110	0.098	40×20×38.8	74	Aluminium	
	DS9910	21.0		26.0			0.198		0.159			40×20×37	74	Alu/plastic	
	DS660A+	21.1		26.3			0.186		0.149			40×20×40	75	Alu/plastic	
	DS1009	7.0	8.06	8.8			0.125	0.109	0.100			40×20×40	56	Alu/plastic	
	DS1210	8.1	9.2	10.0			0.150	0.131	0.120			40×20×40	56	Alu/plastic	
	Mini	HV9767			6.8	8.5	9.4			0.090	0.078	0.070	35.5×15×28.5	38.6	Aluminium
		HV9780			3.3	4.0	4.5			0.055	0.045	0.040	35.5×15×28.5	38.0	Aluminium
HV737				8.3	9.1	10.2			0.120	0.100	0.090	35.5×15×28.5	38.6	Aluminium	
HV747				11.8	13.8	15.0			0.170	0.140	0.130	35.5×15×28.5	38.6	Aluminium	
Micro	HV69	6.00		7.50	9.20	10.20	0.170		0.130	0.110	0.100	29×13×28.7	21.0	Aluminium	
	HV93			2.20	2.80	3.20			0.070	0.060	0.050	23×12×27.25	19.9	Aluminium	
	HV93i			1.80	2.30	2.60			0.043	0.035	0.031	23×12×27.25	19.9	Aluminium	
	DS95	2.44		3.05			0.066		0.053			23×12×27.25	21.2	Aluminium	
	DS95i	1.92		2.40			0.047		0.038			23×12×27.25	21.2	Aluminium	
	DS97	3.80		4.30			0.070		0.058			23×12×27.25	17.7	Plastic	
	DS450	3.10	3.22 @ 5.0 V				0.120	0.115 @ 5.0 V				22.5×12×23.8	9.5	Plastic	

DS = coreless motor | HV = HV coreless motor | HBL = HV brushless motor | DS1009 / DS1210 = brushed motor | HV777A+ / DS95 / DS95i = top-quality japanese coreless motor

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Code		380-450	500	600-700	800	Pylon	30ccm	50ccm	100ccm	150ccm	200ccm	F3A	Jet	
Std.	HBL850		●	●	●				●	●	●		●	
	HBL880		●	●	●									
	HBL950		●	●	●		●	●	●	●	●		●	
	HBL960		●	●	●		●	●	●	●	●		●	
	HBL980		●	●	●									
	HBL990		●	●	●									
	HBL665		●	●	●		●	●	●	●	●		●	
	HBL669		●	●	●									
	DS760 (AL)		●	●										
	HBL388	-	-	-	-	-	-	-	-	-	-	-	-	
	HBL3850	-	-	-	-	-	-	-	-	-	-	-	-	
	HBL380			●	●				●	●	●		●	
	HV777A+								●	●	●		●	
	HV9930	-	-	-	-	-	-	-	-	-	-	-	-	
	DS9910	-	-	-	-	-	-	-	-	-	-	-	-	
	DS660A+			●	●				●	●	●		●	
	DS1009		●					●	●					
	DS1210		●					●	●					
	Mini	HV9767		●	●		●							●
		HV9780	●	●										
HV737								●	●	●		●	●	
HV747								●	●	●		●	●	
Micro	HV69	●												
	HV93	●				●								
	HV93i	●												
	DS95	●				●								
	DS95i	●												
	DS97	●												
	DS450	●				●								

● = compatible | ● = recommended