

www.emaxmodel.com		Servo For RC Model	Analog Servo For RC	Analog Servo For RC Airplane ES3104 upgrade	Analog Servo for RC Airplane Waterproof	Digital Servo For RC Airplane ES3153 upgrade	Digital Servo For RC Airplane ES3154 upgrade	Digital Servo for RC Airplane Glider	ES3301
Brand Name		EMAX	EMAX	EMAX	EMAX	EMAX	EMAX	EMAX	EMAX
Item Name		ES3001	ES3003	ES3004	ES3005	ES3053	ES3054	ES3351	ES3301
Operating Voltage		4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V
STD Direction		Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec
Stall Torque	4.8V	3,2 Kgf.cm	3kg.cm Max	3kg.cm Max	10,0 Kgf.cm	3kg.cm Max	3kg.cm Max	2,0 Kgf.cm	2,0 Kgf.cm
Operating Speed	4.8V	0.17 sec/60° at no load	0.15 sec/60° at no load	0.15 sec/60° at no load	0.16 sec/60° at no load	0.15 sec/60° at no load	0.15 sec/60° at no load	0.12 sec/60° at no load	0.12 sec/60° at no load
Stall Torque	6.0V	4,2 Kgf.cm	3.5kg.cm Max	3.5kg.cm Max	12,0 Kgf.cm	3.5kg.cm Max	3.5kg.cm Max	2,2 Kgf.cm	2,2 Kgf.cm
Operating Speed	6.0V	0.14 sec/60° at no load	0.13 sec/60° at no load	0.13 sec/60° at no load	0.14 sec/60° at no load	0.13 sec/60° at no load	0.13 sec/60° at no load	0.10 sec/60° at no load	0.10 sec/60° at no load
Size		38,6x18,8x34x9 mm	28.45x13.00x31.10mm	28.45x13.00x31.10mm	36.6x18.8x34,9 mm	28.45x13.00x31.10mm	28.45x13.00x31.10mm	23,17x9,17x24,0 5mm	23,17x9,17x24,0 5mm
Weight		37g	17g	17g	42g	17g	17g	10,6g	10,6g
Plug Available		FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR
Flower Head			23T	23T		23T	23T		
Maximum Travel			145°±10° (700-2300µ sec)	145°±10° (700-2300µ sec)		145°±10° (700-2300µ sec)	145°±10° (700-2300µ sec)		
Bearing		Bearing	Bearing	Bearing	Bearing	Bearing	Bearing		
Analog / Digital		Analog	Analog	Analog	Analog	Digital	Digital	Digital	Analog
Gear Plastic / Metal		Plastic	Plastic	Metal	Metal	Plastic	Metal	Plastic	Plastic
Others					Waterproof				
Preis 06/2019	US\$	6,23 USD	6,19 USD	8,69 USD	15,00 USD	7,81 USD	9,90 USD	8,53 USD	5,60 USD

Digital Servo For RC Airplane Glider	Analog Servo for RC Airplane Glider	rotor tail servo for 450 helicopters	ES9257 rotor tail servo for 450 helicopters	(dual-bearing) specific swash servo for 450 helicopters	(dual-bearing) specific swash servo for 450 helicopters	specific swash servo for 450 helicopters	(dual-bearing) specific swash servo for 450 helicopters	Mini Metal Digital Servo For RC Model
EMAX	EMAX	EMAX	EMAX	EMAX	EMAX	EMAX	EMAX	EMAX
ES3352	ES3302	ES9258	ES9257	ES09MD	ES09MA	ES09D	ES09A	ES08MD
4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V
Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec
2,4 Kgf.cm	2,4 Kgf.cm	2,5 Kgf.cm	2,5 Kgf.cm	2,3 Kgf.cm	2,3 Kgf.cm	2,2 Kgf.cm	2,2 Kgf.cm	1,6 Kgf.cm
0.12 sec/60° at no load	0.12 sec/60° at no load	0.08 sec/60° at no load	0.08 sec/60° at no load	0.10 sec/60° at no load	0.10 sec/60° at no load	0.11 sec/60° at no load	0.11 sec/60° at no load	0.12 sec/60° at no load
2,8 Kgf.cm	2,8 Kgf.cm			2,6 Kgf.cm	2,6 Kgf.cm	2,5 Kgf.cm	2,4 Kgf.cm	2,0 Kgf.cm
0.10 sec/60° at no load	0.10 sec/60° at no load			0.08 sec/60° at no load	0.08 sec/60° at no load	0.09 sec/60° at no load	0.09 sec/60° at no load	0.10 sec/60° at no load
23,17x9,17x24,0 5mm	23,17x9,17x24,0 5mm	34,95x30,1x14,9 mm	34,95x30,1x14,9 mm	23,0x12,0x24,5 mm	23,0x12,0x24,5 mm	23,0x12,0x24,5 mm	23,0x12,0x24,5 mm	23x11,5x24mm
12,4g	12,4g	25g	20g	14,8g	14,8g	11,6g	11,6g	13g
FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR	FUT;JR
		Bearing	Bearing					
Digital	Analog	Digital	Digital	Digital	Analog	Digital	Analog	Digital
Metal	Metal	Metal		Metal	Metal	Plastic	Plastic	Metal
12,15 USD	9,20 USD	16,90 USD	12,90 USD	9,50 USD	7,30 USD	6,80 USD	4,50 USD	10,33 USD

Analog Servo for RC Model	Digital Nylon Gear Servo	Mini Plastic Gear Analog Servo 1.8kg/sec for RC Models	Digital Mini Servo For RC Model
EMAX	EMAX	EMAX	EMAX
ES08MA	ES08D	ES08A II	ES9051
4.8V - 6.0V	4.8V - 6.0V	4.8V - 6.0V	4.0V - 5,5V
Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec	Counter Clockwise / Pulse Traveling 1500 to 1900 µ sec
1,6 Kgf.cm	1,6 Kgf.cm	1,5 Kgf.cm	0,8 Kgf.cm
0.12 sec/60° at no load	0.12 sec/60° at no load	0.12 sec/60° at no load	0.09 sec/60° at no load
2,0 Kgf.cm	2,0 Kgf.cm	1,8 Kgf.cm	
0.10 sec/60° at no load	0.10 sec/60° at no load	0.10 sec/60° at no load	
23x11,5x24mm	23x11,5x24mm	23x11,5x24mm	19,74x8,34x23,2 5mm
12g	8,6g	8,5g	4,1g
FUT;JR	FUT;JR	FUT;JR	FUT;JR
Analog	Digital	Analog	
Metal	Plastic	Plastic	
7,31 USD	6,41 USD	4,56 USD	4,56 USD

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