

# SERVOS

Quality, Dependability and Durability are just some of the things people say when describing Airtronics Servos. Available with the "Z" connector, all of our servos are fully compatible with other manufacturer's systems. Features include custom I.C.'s, Surface Mount Technology (SMT) construction and splined output shafts for accurate control surface movement. Molded neoprene vibration isolators and injected molded servo cases ensure superior strength and lasting durability. All of our servos are manufactured with rugged heavy duty gear trains and are fully compatible with all Airtronics AM, FM and PCM systems.



Inside view of the Rock Crusher 94362Z Servo

Part Number	Trainer	Sport 40 - 60	Pattern	Large Scale under 30%	Large Scale over 30%	Helicopter 30	Helicopter 40 - 50	Helicopter 60 - 90	Sailplane under 2 meter	Sailplane over 2 meter	Retract	Park Flyer	ST	Electric		Electric		Gas		Gas		Gas		Gas		Electric			
														1/18 OR	1/10 OR	1/10 OFR	1/8 OR	1/8 OFR	1/10 M	1/8 M	1/10 M	1/10 M							
94051Z																													
94091Z																													
94102Z	•	•				•																							
94112Z	•	•				•																							
94141Z		•		•																									
94145Z				•																									
94162Z		•		•																									
94322Z		•		•		•																							
94357Z			•	•		•	•	•																					
94358Z			•	•	•																								
94359Z			•	•	•																								
94360Z			•	•	•																								
94361Z			•	•	•																								
94362Z			•	•	•																								
94452Z			•	•	•																								
94731Z		•						•																					
94751Z			•					•																					
94755Z			•					•																					
94758Z			•					•																					
94761Z		•	•			•				•																			

ST = Steering  
TH = Throttle  
OR = On Road  
OFR = Off Road  
M = Monster Gas

## Servo Specifications

Part Number	Description	Weight	Dimensions L x W x H	Volt @	Torque In oz	Speed 60deg	Motor Type	Gear Type	Ball Bearing
94051Z	Microlite Servo	0.78 oz.	1.34 x 0.55 x 1.34	4.8 / 6.0	18 / 23	0.19 / 0.15	Std 3 Pole	P	N
94091Z	Super Microlite Servo	0.32 oz.	0.91 x 0.44 x 0.87	4.8 / 6.0	18 / 23	0.12 / 0.10	Std 3 Pole	P	N
94102Z	Precision Heavy Duty Standard Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8 / 6.0	42 / 53	0.20 / 0.16	Std 3 Pole	P	N
94112Z	Precision Heavy Duty Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8 / 6.0	45 / 56	0.17 / 0.14	Std 3 Pole	P	N
* 94162Z	PRO Large-Scale Servo	2.36 oz.	1.54 x 0.79 x 1.61	4.8 / 6.0	115 / 144	0.23 / 0.18	Std 3 Pole	P/M	2
94322Z	Precision Heavy Duty Servo	1.59 oz.	1.54 x 0.79 x 1.42	4.8 / 6.0	46 / 58	0.19 / 0.15	Std 3 Pole	P	1
* 94357Z	ERG-VR High Speed Servo	2.06 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	100 / 125	0.09 / 0.07	Coreless	P/M	2
* 94358Z	ERG-VB High Torque Servo	2.06 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	160 / 200	0.13 / 0.10	Coreless	P/M	2
* 94359Z	ERG-VX High Torque Alum. Heatsink Servo	2.18 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	160 / 200	0.13 / 0.10	Coreless	M	2
* 94360Z	ERG-VRX High Speed Alum. Heatsink Servo	2.18 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	100 / 125	0.09 / 0.07	Coreless	M	2
* 94361Z	ERG-VX High Torque Alum. H-sink Servo Light Gears	2.11 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	160 / 200	0.09 / 0.07	Coreless	M	2
* 94362Z	ERG-VRX High Speed Alum. H-sink Servo Light Gears	2.11 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	100 / 125	0.09 / 0.07	Coreless	M	2
* 94452Z	PRO Contest Heli & Airplane Servo	2.08 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	77 / 96	0.11 / 0.09	Coreless	P/M	2
* 94731Z	Contest Aircraft & Heli Servo	1.80 oz.	1.54 x 0.79 x 1.40	4.8 / 6.0	77 / 96	0.17 / 0.14	Coreless	P	2
* 94751Z	COMPETITION Digital Servo Aircraft	1.80 oz.	1.54 x 0.79 x 1.40	4.8 / 6.0	73 / 91	0.16 / 0.13	Coreless	P	2
* 94755Z	COMPETITION Digital Servo	2.04 oz.	1.54 x 0.79 x 1.40	4.8 / 6.0	65 / 81	0.14 / 0.11	Coreless	P/M	2
* 94758Z	COMPETITION Digital Servo High Speed High Torque	2.12 oz.	1.54 x 0.79 x 1.47	4.8 / 6.0	92 / 115	0.07 / 0.06	Coreless	M	2
94761Z	Micro Digital Wing Servo	0.80 oz.	1.06 x 0.47 x 1.18	4.8 / 6.0	55 / 66	0.15 / 0.12	Std 3 Pole	P/M	2

P = Plastic  
M = Metal  
P/M = Plastic and Metal  
\* = Water Resistant

N = No Ball Bearing  
1 = 1 Ball Bearing  
2 = 2 Ball Bearing

## Heat-Sink Conversion Kits



99359-G Gray  
99359-B Blue  
99359-S Silver  
99359-R Red

