

UKAYROC MOTOR LIST



Date: 15-Jul-07  
 Only motors from this list may be used

Diameter & Class	Designation	Manufacturer	Casing Length (mm)	Propellant Mass (grams)	Total Impulse (N-sec.)	Notes
13mm ¼A	¼A3-3T	Estes	45	0.8	0.6	
13mm ½A	½A3-2T,4T	Estes	45	2.0	1.3	
13mm A	A3-4T	Estes	45	3.3	2.5	
	A10-3T,PT	Estes	45	3.8	2.5	
18mm ½A	½A6-2	Estes	70	2.6	1.3	
18mm A	A6-4	Quest	70	3.5	2.5	
	A8-3,5	Estes	70	3.3	2.5	
18mm B	B4-2,4	Estes	70	6.0	5.0	
	B6-0	Estes	70	6.0	5.0	Discontinued
	B6-2,4,6	Estes	70	5.6	5.0	
	B6-0,2,4	Quest	70	6.5	5.0	
18mm C	C6-0,3,5,7	Estes	70	10.8	9.0	
	C6-0	Quest	70	11.0	8.8	
	C6-3,5	Quest	70	11.0	8.5	
18mm D	D13-4W	Aerotech	74	9.8	20.0	RMS, 3 pack
	D13-7W	Aerotech	74	9.8	20.0	RMS, 3 pack
	D13-10W	Aerotech	74	9.8	20.0	RMS, 3 pack
	D24-4T	Aerotech	74	8.7	20.0	RMS, 3 pack
	D24-7T	Aerotech	74	8.7	20.0	RMS, 3 pack
	D24-10T	Aerotech	74	8.7	20.0	RMS, 3 pack
	D21-4T	Aerotech	70	9.6	20.0	SU
D21-7T	Aerotech	70	9.6	20.0	SU	
24mm D	D9-4W	Aerotech	89	10.1	20.0	RMS, 3 pack
	D9-7W	Aerotech	89	10.1	20.0	RMS, 3 pack
	D15-4T	Aerotech	89	8.9	20.0	RMS, 3 pack
	D15-7T	Aerotech	89	8.9	20.0	RMS, 3 pack
	D11-P	Estes	70	24.5	18.0	
	D12-0,3,5,7	Estes	70	21.1	17.0	
24mm E	E11-3J	Aerotech	89	25.0	35.0	RMS, 3 pack
	E18-4W	Aerotech	89	20.7	40.0	RMS, 3 pack
	E18-7W	Aerotech	89	20.7	40.0	RMS, 3 pack
	E28-4T	Aerotech	89	18.4	40.0	RMS, 3 pack
	E28-7T	Aerotech	89	18.4	40.0	RMS, 3 pack
	E15-4W	Aerotech	70	20.1	40.0	SU
	E15-7W	Aerotech	70	20.1	40.0	SU
	E15-PW	Aerotech	70	20.1	40.0	SU, Plugged
	E30-4T	Aerotech	70	19.3	40.0	SU
E30-7T	Aerotech	70	19.3	40.0	SU	
24mm F	F12-3J	Aerotech	89	30.0	43.0	RMS, 3 pack
	F12-5J	Aerotech	89	30.0	43.0	RMS, 3 pack
	F24-4W	Aerotech	89	25.3	50.0	RMS, 3 pack
	F24-7W	Aerotech	89	25.3	50.0	RMS, 3 pack
	F39-6T	Aerotech	89	22.7	50.0	RMS, 3 pack
	F39-9T	Aerotech	89	22.7	50.0	RMS, 3 pack

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29mm E	E16-4W	Aerotech	144	19.0	40.0	RMS
	E16-7W	Aerotech	144	19.0	40.0	RMS
	E23-5T	Aerotech	144	17.4	40.0	RMS
	E23-8T	Aerotech	144	17.4	40.0	RMS
29mm F	60F35-STD	Congreve	101	30.0	60.0	Reload
	60F60-F	Congreve	101	30.0	60.0	Reload
	F22-5J	Aerotech	144	46.3	65.0	RMS
	F22-7J	Aerotech	144	46.3	65.0	RMS
	F40-4W	Aerotech	144	40.0	80.0	RMS
	F40-7W	Aerotech	144	40.0	80.0	RMS
	F40-10W	Aerotech	144	40.0	80.0	RMS
	F52-5T	Aerotech	144	36.6	80.0	RMS
	F52-8T	Aerotech	144	36.6	80.0	RMS
	F52-11T	Aerotech	144	36.6	80.0	RMS
	F20-4W	Aerotech	84	30.0	55.0	SU Econojet, 2 pack
	F20-7W	Aerotech	84	30.0	55.0	SU Econojet, 2 pack
	F23-4FJ	Aerotech	84	30.0	42.0	SU Econojet, 2 pack
	F23-7FJ	Aerotech	84	30.0	42.0	SU Econojet, 2 pack
	F42-4T	Aerotech	84	27.0	55.0	SU Econojet, 2 pack
	F42-8T	Aerotech	84	27.0	55.0	SU Econojet, 2 pack
	F25-4W	Aerotech	99	38.3	73.0	SU
	F25-6W	Aerotech	99	38.3	73.0	SU
	F25-9W	Aerotech	99	38.3	73.0	SU
	F26-6FJ	Aerotech	99	43.1	65.0	SU
	F26-9FJ	Aerotech	99	43.1	65.0	SU
F50-4T	Aerotech	99	33.6	70.0	SU	
F50-6T	Aerotech	99	33.6	70.0	SU	
F50-9T	Aerotech	99	33.6	70.0	SU	
29mm G	G33-5J	Aerotech	144	60.0	92.0	RMS
	G33-7J	Aerotech	144	60.0	92.0	RMS
	G64-4W	Aerotech	144	60.0	112.0	RMS
	G64-7W	Aerotech	144	60.0	112.0	RMS
	G64-10W	Aerotech	144	60.0	112.0	RMS
	G38-4FJ	Aerotech	124	59.7	87	SU
	G38-7FJ	Aerotech	124	59.7	87	SU
	G40-4W	Aerotech	124	53.8	100	SU
	G40-7W	Aerotech	124	53.8	100	SU
	G40-10W	Aerotech	124	53.8	100	SU
	G77-4R	Aerotech	124	58.1	105	SU
	G77-7R	Aerotech	124	58.1	105	SU
	G77-10R	Aerotech	124	58.1	105	SU
	G79-4W	Aerotech	124	60.1	112	SU
	G79-7W	Aerotech	124	60.1	112	SU
	G79-10W	Aerotech	124	60.1	112	SU
	G80-4T	Aerotech	124	47.9	100	SU
	G80-7T	Aerotech	124	47.9	100	SU
	G80-10T	Aerotech	124	47.9	100	SU
	120G40-FS	Congreve	144	60.0	120.0	Reload
120G60-WS	Congreve	144	60.0	120.0	Reload	
120G70-STD	Congreve	144	60.0	120.0	Reload	
38mm G	129G79SS-13A	Cesaroni	127	62.5	129.0	Reload
	133G69-12A	Cesaroni	127	62.5	133.0	Reload