

AESSEMBLY NAME	ITEM NAME	DESCRIPTION	QUANTITY	Weight	Total weight	Phase
Base Assembly	EBA_01.00.001	PLA	1	31.10	31.10	
	EBA_01.00.010_basement	PLA	1	22.56	22.56	
	EBA_01.00.011_round_plate	PLA	1	62.89	62.89	
	NUT	M3	2			
	CUP HEAD BOLT	M3 x 16	2			
	MIRCO - SERVO	SG90 - 9g	1			
Gripper Assembly	EBA_01.00.012_R01_claw_support	PLA	1	7.91	7.91	
	EBA_01.00.013_R01_right_finger	PLA	1	1.83	1.83	
	EBA_01.00.014_R01_left_finger	PLA	1	1.70	1.70	
	EBA_01.00.015_drive gear	PLA	1	0.88	0.88	
	EBA_01.00.016_R01_driven gear	PLA	1	1.76	1.76	
	CUP HEAD BOLT	M3 x 16	1			
	CUP HEAD BOLT	M3 x 12	1			
	CUP HEAD BOLT	M4 x 12	1			
	CUP HEAD BOLT	M4 x 25	1			
	WASHER	M4	2			
	NUT	M4	2			
	WASHER	M3	2			
	NUT	M3	2			
	MIRCO - SERVO	SG90 - 9g	1			
ARM Assembly	EBA_01.00.002_vertical_drive_arm	PLA	1	3.33	3.33	
	EBA_01.00.003_link	PLA	3	3.61	10.84	
	EBA_01.00.004_forward_drive_arm	PLA	1	16.28	16.28	
	EBA_01.00.005_horizontal_arm	PLA	1	10.71	10.71	
	EBA_01.00.006_triangular_link	PLA	1	6.30	6.30	
	EBA_01.00.009_servo_plate	PLA	2	1.56	3.13	
	WASHER	M4	7			
	CUP HEAD BOLT	M4 x 16	1			
	CUP HEAD BOLT	M4 x 20	4			
	NUT	M4	5			
	CUP HEAD BOLT	M3 x 10	4			
	CUP HEAD BOLT	M3 x 30	1			
	NUT	M3	5			
	WASHER	M3	1			
	MIRCO - SERVO	SG90 - 9g	2			

	Tube 1	4 x 3 x 22	1			
	Tube 2	4 x 3 x 26	1			
				Total weight	181.21	
				Est Cost(\$0.08/g)	14.50	
				Actual Cost	11.28	