

12 and 24 Vdc geared motor



- Speed range : 8.6 to 344 rpm
- Mechanical resistance gear-head : 0.5Nm, metal gears
- Motor maximum power : 3.9W fitted interference suppression



MOT203

Speed (rpm)	Order Code	Price Each		
		1+	3+	10+
12 V Motor with Gearhead				
430	311-5525			
215	311-5537			
143	311-5549			
108	311-5550			
54	311-5562			
22	311-5574			
11	311-5586			
8.6	311-5598			
3.6	311-5604			
24V Motor with Gearhead				
430	311-5616			
215	311-5628			
143	311-5630			
108	311-5641			
54	311-5653			
22	311-5665			
11	311-5677			
8.6	311-5689			
3.6	311-5690			

12 and 24 Vdc Geared Motor



- High quality gearhead, fully metal
- Basic speeds range : 7.3 to 616 rpm
- Mechanical resistance : 5Nm, for longer life
- Motors: maximum power 33W



MOT204

Voltage	12V		24V	
	Motor basic speed (rpm)	Ratio	Mfrs. List No.	Mfrs. List No.
266	6.75	80 835 012	80 835 009	
147	12.25	80 835 013	80 835 004	
73	24.5	80 835 014	80 835 002	
47	38.28	80 835 015	80 835 003	
29.4	61.25	80 835 016	80 835 008	
14.7	122.5	80 835 017	80 835 006	
7.4	245	80 835 018	80 835 005	

12V Motor with Gearhead	Order Code	Price Each		
		1+	3+	10+
266	308-9861			
147	308-9873			
73	308-9885			
47	308-9897			
29.4	308-9903			
14.7	308-9915			
7.4	308-9927			
24V Motor Gearhead				
266	308-9850			
147	308-9812			
73	308-9794			
47	308-9800			
29.4	308-9848			
14.7	308-9836			
24	308-9824			

Dc geared motor 12 Vdc or 24 Vdc



- Speed range from 1.5 to 441 rpm
- Mechanical resistance gear-head : 0.5Nm, sintered metal gears
- Fitted with interference suppression
- Output Power = 39 watt



Voltage DC 12V 24V

MOT205

Speed (RPM)	Order Code	Price Each		
		1+	3+	10+
12V				
441	307-9521			
141	307-9533			
45	307-9545			
14	307-9582			
5	307-9594			
1.5	307-9600			
24V				
441	307-9557			
141	307-9569			
45	307-9570			
14	307-9612			
5	308-7323			
1.5	308-7335			

24V & 36Vdc Brushless geared motor



- Brushless motor with integral electronics
- Maximum power from 35 to 60 Watt
- Long life
- Motors with in-built temperature safety, thermal cut-out
- Conform to CEM standards (electromagnetic compatibility)
- Emissions EN 55022 : EN55011 gr. 1 immunity IEC 1000-4-2/3/4/5/6/8



Wiring

Connector AMP MTA 100 640440-8 with wires, AWG22, Ø on insulator 1.8mm (supplied)

Locating on motor	Colour thread	
1	* a	Black Reference Ø volts of power supply
2	* a	Red Power supply (24 or 36V)
3	* b	Blue Reference Ø volts order (non isolated 1)
4		Brown Analogue input speed 0-1 volts
5		Orange Numeric input speed PWM (15 kHz)
6	* c	Yellow Logic input, direction of rotation (1 = clockwise)
7		Green Logic input, ON/OFF (1 = ON)
8		White Logic output coder, 12 pulses per tour

WARNING: To avoid damage to the motor

- * a) Do not reverse the polarities, * b) If only one power supply used, do not connect 3 to 1
- * c) Stop the motor before changing the direction

Order Code	309-4509	309-4510
Voltage	24V	36V
References		
No load characteristics		
Rotation speed	rpm	5400 8300
Power consumption	W	5 8
Current consumption	A	0.22 0.23

MOT206

Voltage	Order Code	Price Each		
		1+	3+	10+
24V	309-4509			
36V	309-4510			

24V Dc Brushless geared motor



- High quality gearhead
- Speed range : 2 to 138 rpm
- Mechanical resistance : 0.6 to 6 Nm
- Output power : 35W



Note: The product appearance is likely to change.

Input Voltage = 24 Vdc

MOT207

Output Speed RPM	Order Code	Price Each		
		1+	3+	10+
10% to 100%				
14 138	309-4571			
10 104	309-4583			
5 53	309-4595			
2 21	309-4601			

Continued