

- Over 30 YEARS Supplying Africa -



BirCraft
GEARED MOTORS - LINEAR ACTUATORS - CONTROLS






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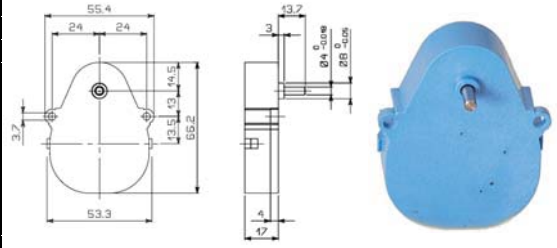
BEE Certified

SHORT FORM SELECTION

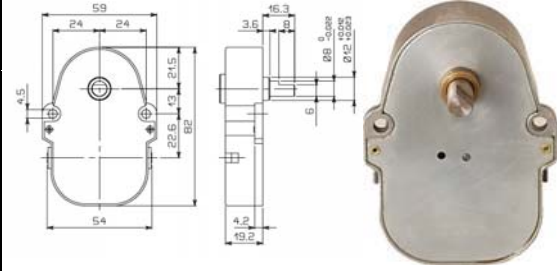
Synchronous, DC & Stepper - Micro Gear Motors

Applications: Vending, Timers, Clocks, Peristaltic Pumps, Chart Recorders, Mixers / Stirrers, Advertising & Office Equipment, Labelling machines, Medical machines, Ice makers, Potentiometers and many others.

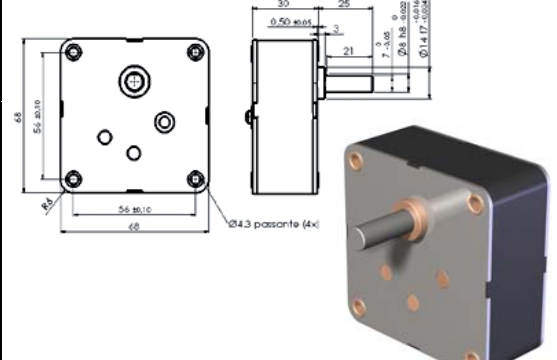
Other products and ratios available on request			* Special import			
MODEL	* M80 DC		M83 DC		M84 DC	
*M80 M83 M84	Volt DC	12v 24v	12v 24v	12v 24v	12v 24v	12v 24v
	No load AMPS	0.9 6	1.44	1.5	1.2	2.2 2.4
	Max Effy speed in Rpm	434 0	5360	6415	6550	8525 9760
	Running torque in Ncm	0.3 2	0.43	0.63	0.53	0.86 0.86
Ø 28 x 49 mm						
M51	MODEL	M51				
	Volt DC	12, 24, 36, 110, 230v				
	No load AMPS	3.6				
	Max Effy speed in Rpm	500				
	Running torque in Ncm	0.55				
Ø 50 x 15 mm						
*M41	MODEL	*M41				
	Volt DC	12, 24, 36, 110, 230v				
	No load AMPS	5.5				
	Max Effy speed in Rpm	500				
	Running torque in Ncm	1.5				
M52 & *M72	MODEL	M52		*M72 15° Stepper		
	Volt DC	AC 12, 24, 36, 110, 230v		DC 12v		
	No load AMPS	4		5.5		
	Max Effy speed in Rpm	500		24 Steps per rev		
	Running torque in Ncm	1.6		2		
Ø 50 x 30 mm						
M54 & *M74	MODEL	M54		*M74 15° Stepper		
	Volt DC	AC 12, 24, 36, 110, 230v		DC 12v		
	No load AMPS	6.1		11		
	Max Effy speed in Rpm	500		24 Steps per rev		
	Running torque in Ncm	3.2		4		
Ø 50 x 60 mm						



A: 3.7 D: 24 G: 13.5
B: 55.4 E: 14.5 H: 66.2
C: 24 F: 13 I: 53.3
W01 = Max Torque 80Ncm
*W02 = Max Torque 150Ncm
Output shaft Ø 4mm
RATIOS 8.3, 10, 20, 25, 50, 83, 125, 166, 250, 500, 1000, 1250, 25K, 50K, UP TO 18 Million



A: 4.5 D: 24 G: 22.6 *W10 = Max Torque 200Ncm
B: 59 E: 21.5 H: 82 *W11 = Max Torque 200Ncm
C: 24 F: 13 I: 54 W12 = Max Torque 250Ncm
*W13 = Max Torque 500Ncm
Output shaft Ø 8mm
RATIOS 8.3, 16, 25, 50, 83, 125, 250, 500, 1000, 5000



Dimensions 68 x 68 x 30/38 mm *W20 = Max Torque 6 Nm
Output shaft Ø 8 mm Max. input speed = 3000 rpm
W20 RATIOS 6.25 to 5000

VOLTAGES AVAILABLE:
12, 24, 48, 110, 220 AC – 50/60 Hz
12v- 24v DC
*DC to AC CONVERTORS also AVAILABLE

FORMULA:
A. Motor RPM ÷ Required Output Speed = Gear Ratio
B. Motor Torque x Gear Ratio x 0.6 Eff. = Output Torque (Ncm)
C. Be Aware of the Max Torque Permitted

(SPECS FOR GUIDELINES ONLY)



Member Mr. P Birkett Company Reg # 1989/001275/23 VAT Reg # 4500121290