



Gear Reduction Ratio	Series 1	12	30	75	187.5	468.75	1171.875
	Series 2	9.6	24	60	150	375	937.5
	Series 3			40	120	300	750
Gearbox Length (L)		11.2		12.6	14	16.3	17.7
(Other reduction ratios are welcome)							

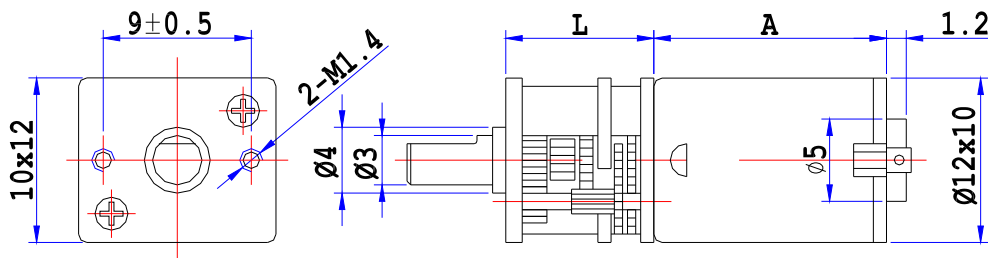
## Brief Introduction

This is a series of motors based on the flat, open-frame gearbox of OD 12x10mm. Gearbox length can be increased or decreased according to different gear reduction ratio. Motor can be any type but most popular motors are those that the diameter is approx. 12mm. Gearbox spindle outputs from the centre of the gearbox.

## Main Application

Electronic door lock, monitor, optic equipment, printer, medical equipments, etc.

## Outline Drawing



Serial No.	
12GF030	12GFN30
A	20

## Specifications

Serial No.	Model	Rated Voltage	No Load		At Maximum Efficiency				At Stall	
			Speed	Current	Speed	Torque	Current	Output	Torque	Current
			V	rpm	mA	rpm	gcm	mA	mW	Kgcm
12GF030	08260-287	4.5	40	30	32	500	150	160	2.1	600
	09175-287	2.4	27	35	18	600	150	110	1.5	350
		4.5	52	45	30	1500	350	460	3	700
	13115-287	2.4	55	30	40	700	350	280	3	500
		6	70	70	52	1200	250	640	4	700

**Remarks: The above specifications are just for some typical models. Other specifications are welcome.**