



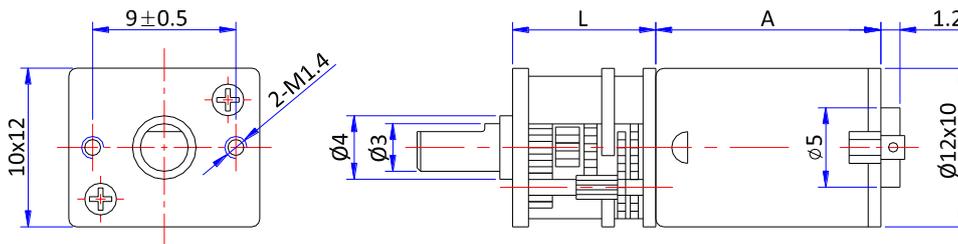
Gear Reduction Ratio	Series 1	12	30	75	187.5	468.75	1171.875
	Series 2	9.6	24	60	150	375	937.5
	Series 3			40	120	300	750
Gearbox Length (L)		11.2	12.6	14	16.3	17.7	
(Other reduction ratios are welcome)							

Brief Introduction:

These are a series of motors based on the flat, open-frame type gearboxes of $\varnothing 12 \times 10 \text{mm}$. 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. or a little less than $\varnothing 12 \text{mm}$. Gearbox spindle outputs from the centre of the gearbox.

Main Application:

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



		Serial No.	
		12GF030	12GFN30
A		15	20

Specifications of Some Typical Models:

Serial No.	Model	Rated Voltage	No Load		At Maximum Efficiency				At Stall	
			Speed	Current	Speed	Torque	Current	Output	Torque	Current
		[VDC]	[rpm]	[mA]	[rpm]	[g.cm]	[mA]	[mW]	[Kg.cm]	[mA]
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	3.0	700
	13115-287	2.4	55	30	40	700	350	280	3.0	500
		6.0	70	70	52	1200	250	640	4.0	700

Remarks: The specifications stated above are just some basic models. The other specifications are welcome.

Nostop Motor Group Headquarters

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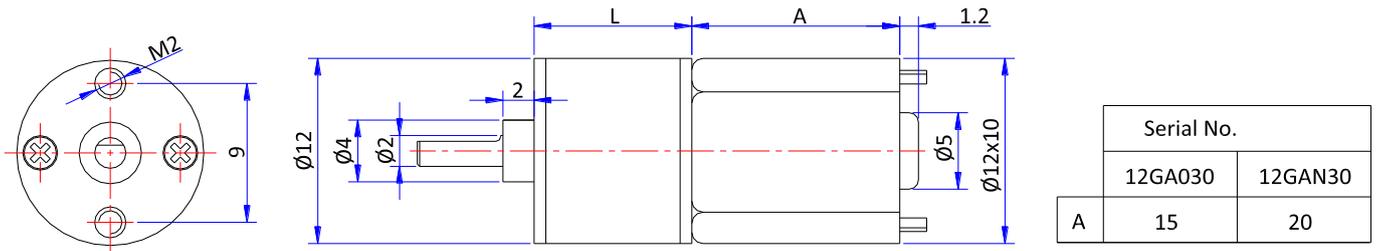
Gear Reduction Ratio	Series 1	12	30	75	187.5	468.75	1171.875
	Series 2	9.6	24	60	150	375	937.5
	Series 3			40	120	300	750
Gearbox Length (L)		11.2	12.6	14	16.3	17.7	
(Other reduction ratios are welcome)							

Brief Introduction:

These are a series of motors based on the round, complete sealed gearbox of $\varnothing 12\text{mm}$. 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. $\varnothing 12\text{mm}$. Gearbox spindle outputs from the centre of the gearbox.

Main Application:

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



Specifications of Some Typical Models:

Serial No.	Model No.	Rated Voltage [VDC]	No Load		At Maximum Efficiency				At Stall	
			Speed [rpm]	Current [mA]	Speed [rpm]	Torque [g.cm]	Current [mA]	Output [mW]	Torque [Kg.cm]	Current [mA]
12GA030	13115-75	2.4	210	120	160	160	350	260	0.9	1150
	13115-150	2.4	100	120	90	300	360	270	1.6	1150
	10190-200	3.0	60	60	48	400	180	200	1.8	600
	10190-300	3.0	40	60	30	750	190	210	2.5	600
12GAN30	09210-150	2.5	35	30	25	250	700	65	1.2	240
	09210-200	2.5	25	30	20	320	700	65	1.5	240
	09210-300	2.5	17	30	12	500	700	60	2.3	240

Remarks: The specifications stated above are just some basic models. The other specifications are welcome.

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