



# DC Worm Gear Motor

## Motor Data

Motor Model	Rated voltage	No-load		Rated				Stall	
		Speed	Current	Speed	Torque	Current	Power	Torque	Current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
N30-0612500	6.0	12500	25	10600	3.0	98	0.33	20	0.50
N30-1212500	12.0	12500	12	10400	3.0	50	0.32	18	0.25

**Note: It's only typical technical data, special requirement can be customized.**

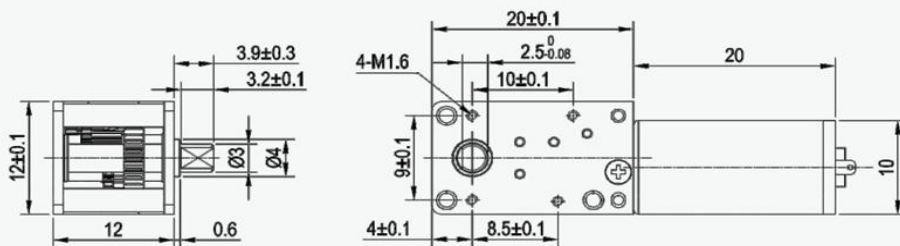
## Gearbox

Module No.	0.2/ 0.3		
Rated torque (kg.cm)	1.0 kg.cm max		
Max momentary tolerance torque (kg.cm)	2.0 kg. cm max		
Reduction ratio	1/95、1/190	1/219、1/438	0.2/ 0.3
Number of gear stages	4	5	6
Gearbox length L (mm)	20		
Weight	16g(Approx)		

## Motor with Gearbox Data

Model No.	Reduction ratio	95	190	219	438	504	1007
WGM1220-N300612500-□K	No-load speed (rpm)	150	75	65	32	29	14
	Rated speed (rpm)	125	65	55	28	24	12
	Rated torque (kg.cm)	0.16	0.3	0.3	0.6	0.6	1.0
WGM1220-N301212500-□K	No-load speed (rpm)	150	75	65	32	29	14
	Rated speed (rpm)	110	55	47	24	22	10
	Rated torque (kg.cm)	0.16	0.3	0.3	0.6	0.6	1.0

## Dimensions



Weight: 16g(Approx)

Unit(mm)

**Note: The motor parts such as shaft size, encoders, cables & connectors can be customized.**