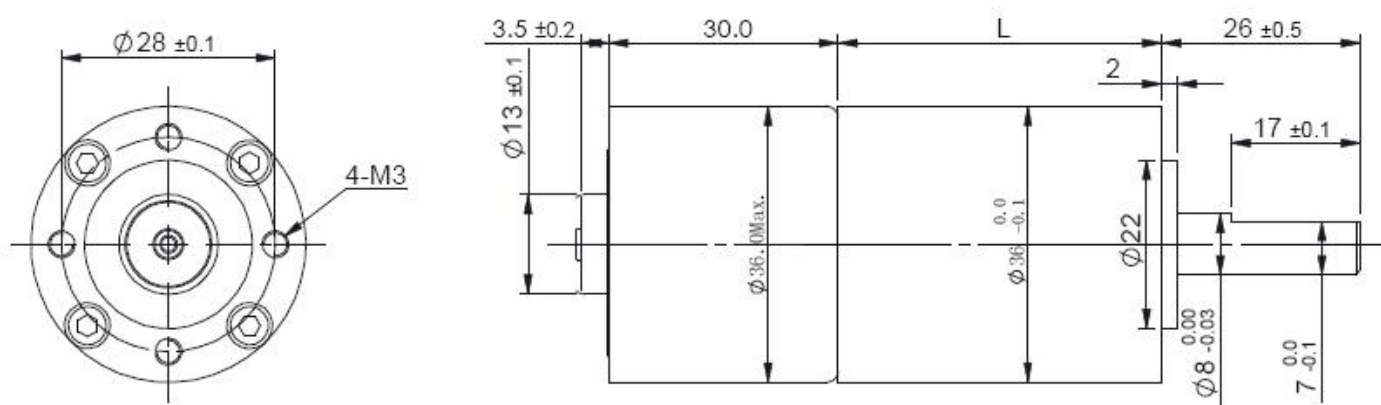


B3630G	Output Power : 1W~10W	Weight : 255g (Approx.)
Brushless DC Gear Motor-Typical Application Home Application: Electric door, Electric Window, Electric Curtain, Electric Awning Industry Facility: Transmission Equipment, Gear System, Actuator Electronic Equipment: Electric Valve, Small Switcher, Lighting Adjustor, Small Percussion Drill Business Equipment: Electric Gate, Banking Facility, ATM, Vending Machine Personal Care: Massager		



Outline Drawing: Unit: Millimeter



Torque & Speed List:

Model	Gear Ratio	5	14	27	51	71	100	189	369	516	977
B3630G-S01 (12V-5200)	No Load (r/min)	1040	371	192	102	73	52	27	14	10	5
	Rated Speed (r/min)	852	304	157	83	60	42	22	11	8	4
	Rated Torque (mNm)	58.8	144	278	450	627	883	1391	2450	2450	2940
B3630G-S02 (24V-6970)	No Load (r/min)	1394	497	258	136	98	70	36	19	13	7
	Rated Speed (r/min)	1128	402	208	110	79	56	30	15	11	6
	Rated Torque (mNm)	78.4	192	370	600	835	1177	1854	2450	2450	2940
B3630G-S03 (24V-10500)	No Load (r/min)	2100	750	388	205	147	105	55	28	20	11
	Rated Speed (r/min)	1850	660	342	181	130	92	49	25	18	9
	Rated Torque (mNm)	60	147	283	459	639	900	1417	2450	2450	2940

Gear Box Characteristic:

Material	Metal
Bearing Type	Ball bearings
Radial Force	≤ 8 Kgf
Axial Force	≤ 3 Kgf
Max. Pushing force at shaft	≤ 15 Kgf
Radial Clearance	≤ 0.05 mm
Axial Clearance	≤ 0.30 mm

Reduction Ratio	L	Reducer Series	Rated Torque	
	mm		mNm	Kgf-cm
1/5	25.4	1	294	3
1/14, 1/27	32.5	2	784	8
1/51, 1/71, 1/100	39.7	3	1764	18
1/189, 1/369, 1/516	46.0	4	2450	25
1/977	54.0	5	2940	30

Notice: Data in this typical specification sheet are for other certain customer. Voltage, rated torque, speed, current, power and shaft extension feature & dimension can be changed to meet customer specific requirement.