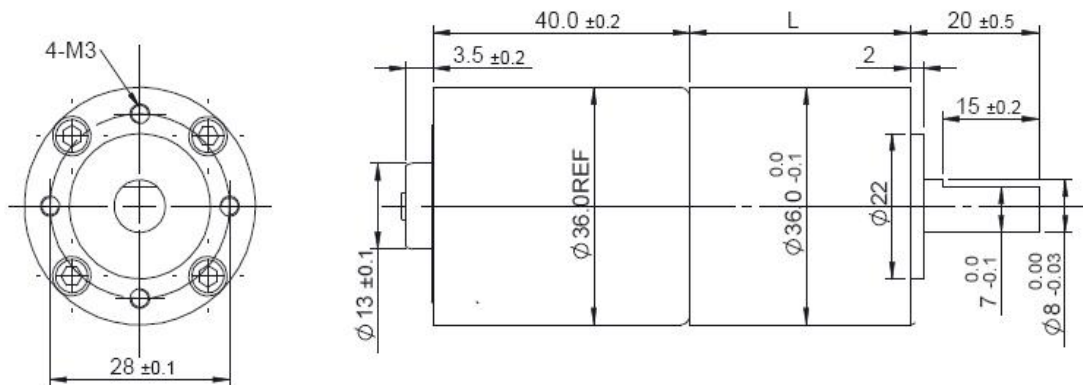


B3640G	Output Power : 1W~16W	Weight : 295g (Approx.)
Brushless DC Gear Motor-Typical Application Home Application: Electric Door, Electric Window, Electric Curtain, Electric Awning Industry Facility: Transmission Equipment, Gear System, Actuator Electronic Equipment: Electric Valve, Small Switcher, Lighting 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
B3640G-S01 (12V-2360)	No Load (r/min)	472	168	87	46	33	24	12	6	5	2
	Rated Speed (r/min)	366	130	67	36	25	18	10	5	4	2
	Rated Torque (mNm)	102	249	481	780	1086	1530	2409	2450	2450	2940
B3640G-S02 (24V-27685)	No Load (r/min)	5537	1977	1025	542	390	276	146	75	53	28
	Rated Speed (r/min)	4436	1585	820	435	312	221	117	60	43	23
	Rated Torque (mNm)	78.4	192	370	600	835	1177	1854	2450	2450	2940
B3640G-S03 (36V-20686)	No Load (r/min)	4135	1477	766	405	291	206	109	56	40	21
	Rated Speed (r/min)	3345	1194	619	328	235	167	88	45	32	17
	Rated Torque (mNm)	72	176	340	550	766	1080	1701	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.