
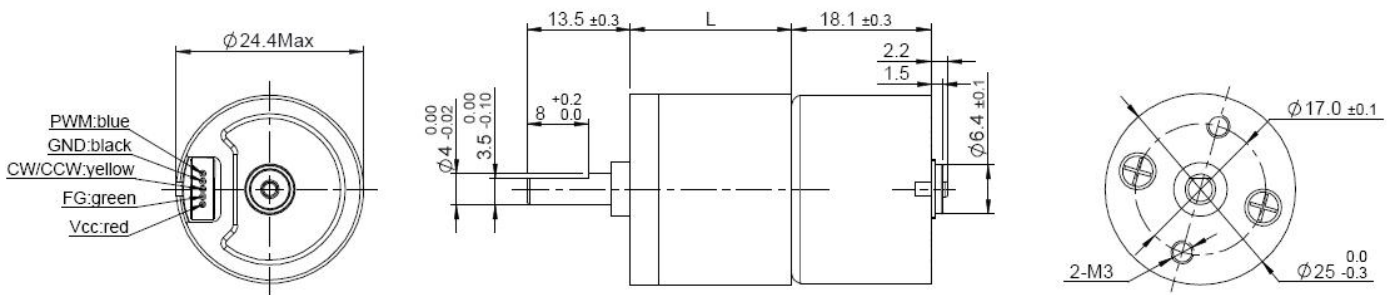


<b>B2418G</b>	Output Power : 0.3W~5W	Weight : 60g (Approx.)
<b>Brushless DC Gear Motor-Typical Application</b> Home Application: Electric Window, Electric Curtain, Small Appliances, Portable Equipment Industry Facility: Transmission Equipment, Gear System, Actuator Electronic Equipment: Electric Valve, Small Switcher, Lighting Adjustor Business Equipment: Electric Gate, Banking Facility, ATM, Vending Machine Personal Care: Massager, Stroker, Vibrator		

**Outline Drawing:** Unit: Millimeter



**Torque & Speed List:**

Model	Gear Ratio	5	18	22	57	83	100	221	334	854	1234
B2418G-S01 (6V-10300)	No Load (r/min)	2060	572	468	180	124	103	46	31	12	8
	Rated Speed (r/min)	1560	433	354	136	94	78	35	23	9	6
	Rated Torque (mNm)	9.8	30.8	37.7	83.7	122	147	270	409	836	980
B2418G-S02 (12V-6520)	No Load (r/min)	1305	362	296	114	78	65	29	19	7	5
	Rated Speed (r/min)	930	258	211	81	56	46	21	14	5	4
	Rated Torque (mNm)	9.8	30.8	37.7	83.7	122	147	270	409	836	980
B2418G-S03 (24V-12550)	No Load (r/min)	2510	697	570	220	150	125	56	37	14	10
	Rated Speed (r/min)	1840	511	418	161	110	92	41	27	11	7
	Rated Torque (mNm)	23.5	74.2	90.7	201	293	353	650	784	980	980

**Gear Box Characteristic:**

Material	Metal
Bearing Type	Ball bearings
Radial Force	$\leq 3.5$ Kgf
Axial Force	$\leq 2.5$ Kgf
Max. Pushing force at shaft	$\leq 10$ Kgf
Radial Clearance	$\leq 0.05$ mm
Axial Clearance	$\leq 0.30$ mm

Reduction Ratio	L	Reducer Series	Rated Torque	
	mm		mNm	Kgf-cm
1/5	19	1	196	2.0
1/18,1/22	26.4	2	392	4.0
1/57,1/83,1/100	33.8	3	588	6.0
1/221,1/334	41.2	4	784	8.0
1/854, 1/1234	48.6	5	980	10.0

**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.