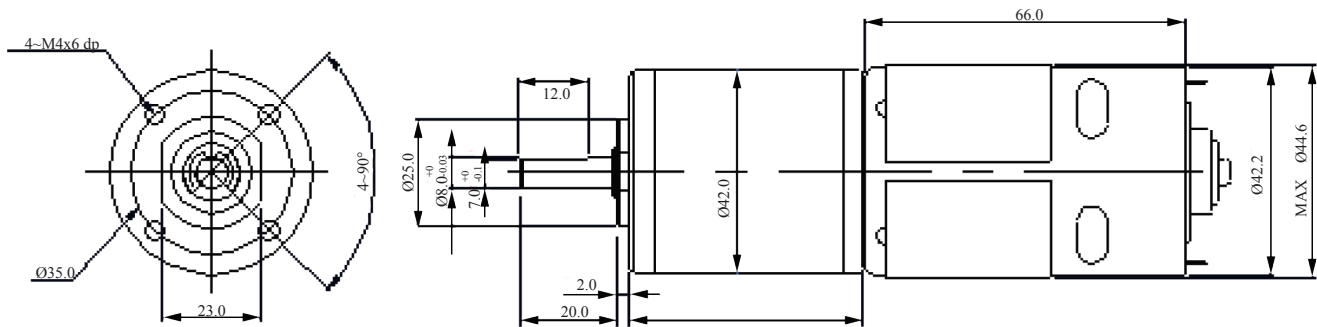


DC Brushed Motor with an Inline true planetary gearhead. This ball bearing motor is designed for long life. It offers high torque in a small package. Excellent for industrial and commercial grade equipment and machinery.



**DRAWING**



**MOTOR SPECIFICATIONS**

- Low Voltage
- High Torque
- Internal Brushes
- Low Current
- Reversible
- Ball Bearings

Rated Volt (V)	Rated Torque (g-cm)	Rated Speed (rpm)	Rated Current (mA)	No Load Speed (rpm)	No Load Current (mA)	Rated Output (W)
12	700	5700	≤5500	7000	≤900	41.3
24	570	5900	≤2100	7000	≤500	34.7

Ratio	24 V		12 V	
	Rated Speed (rpm)	Rated Torque (kg-cm)	Rated Speed (rpm)	Rated Torque (kg-cm)
4:1	1450	1.8	1400	2.2
14:1	420	5.4	405	6.5
17:1	340	6.6	325	8.1
24:1	240	9.5	240	10
49:1	120	16	119	18
61:1	98	18	96	18
84:1	72	18	71	18
104:1	60	20	60	20
144:1	43	20	43	20
212:1	30	25	30	25
294:1	22	25	22	25
504:1	12.5	30	12.5	30
624:1	10.8	30	10.8	30
720:1	9.4	30	9.4	30
864:1	7.9	30	7.9	30
1062:1	6.4	30	6.4	30
1470:1	4.6	30	4.6	30
2500:1	2.7	30	2.7	30
3000:1	2.3	30	2.3	30
3600:1	1.9	30	1.9	30

**GEARHEAD SPECIFICATIONS**

True Planetary design with large 7mm output shaft and ball bearing construction. Available in a wide range of gear ratios.

- Hobbled Steel Gears
- Excellent Power/Size Ratio
- Rate to 30 Kg-cm
- Standard flat on output shaft

Reduction Ratio	L (mm)	Reduction Ratio	L (mm)
4:1	32.5	212:1 ~ 864:1	52.6
14:1 ~ 24:1	39.2	1062:1 ~c 3600:1	59.3
49:1 ~ 144:1	45.9		