



# DC Worm Gear Motor

## WGM405831ZY

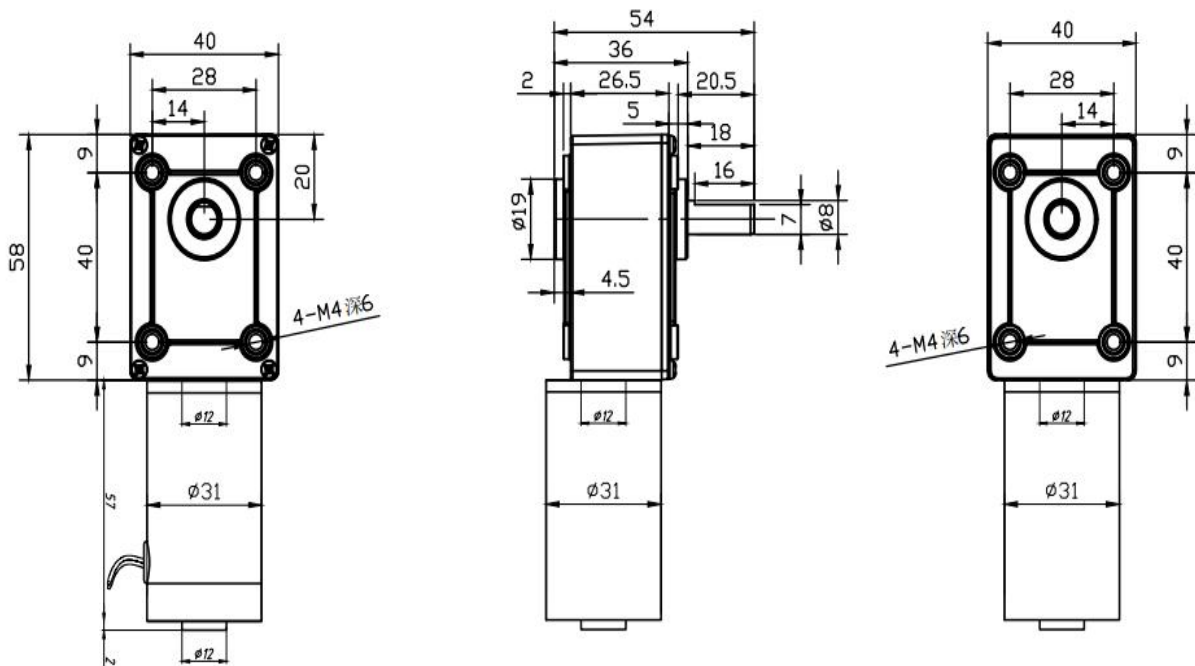
WGM4058 Gearbox Ratio: 1/40; 1/86; 1/137; 1/255; 1/422; 1/686

### Motor with Gearbox

Model	Ratio	Voltage (v)	No-load		At Maximum Efficiency		
			Speed (r/min)	Current (mA)	Speed (r/min)	Current (mA)	Rated trque (kgf.cm)
WGM405831ZY1210000-40K	1/40	12	250	≤500	200	≤2000	4
WGM405831ZY3213000-86K	1/86	12	151	≤280	120	≤1700	6.8
WGM405831ZY249000-137K	1/137	24	65	≤500	52	≤2000	20
WGM405831ZY125500-255K	1/255	12	21	≤300	17	≤1000	10
WGM405831ZY1211000-422K	1/422	12	26	≤1000	20	≤4000	35
WGM405831ZY1211000-686K	1/686	12	16	≤1000	13	≤4000	50

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

### Dimensions

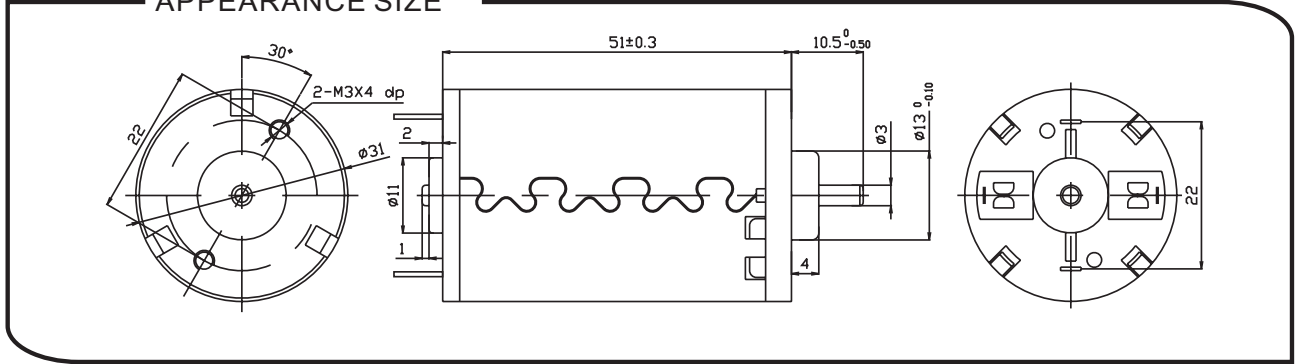


\* Note: The motor parts such as shaft size, encoders, cables & connectors can be customized.



# DC Motor 31ZY

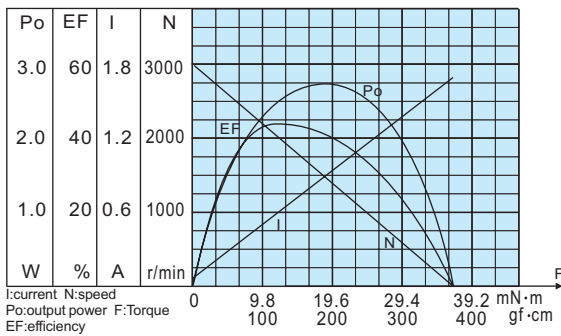
## APPEARANCE SIZE



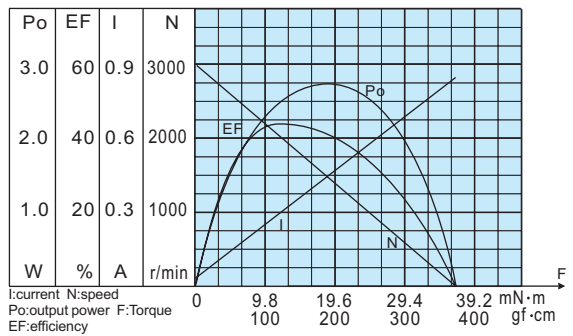
## MOTOR TORQUE/SPEED/CURRENT

MOTOR MODEL	Rated Volt. V	No load		At maximum efficiency				Stall	
		Current mA	Speed r/min	Current mA	Speed r/min	Torque g·cm	Power W	Torque g·cm	Current mA
31ZY123000	12	≤ 100	3000	≤ 400	2200	90	2.0	360	1600
31ZY124500	12	≤ 150	4500	≤ 700	3300	130	4.3	520	2700
31ZY126000	12	≤ 220	6000	≤ 1200	4500	180	8.0	720	5000
31ZY243000	24	≤ 60	3000	≤ 200	2200	90	2.0	360	800
31ZY244500	24	≤ 90	4500	≤ 350	3300	130	4.3	520	1300
31ZY246000	24	≤ 130	6000	≤ 650	4500	180	8.0	720	2600

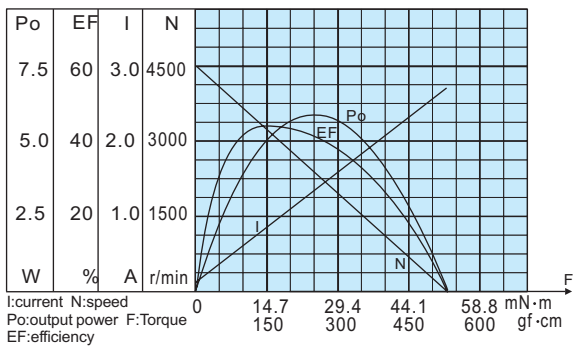
### 31ZY123000 CHARACTERISTICS



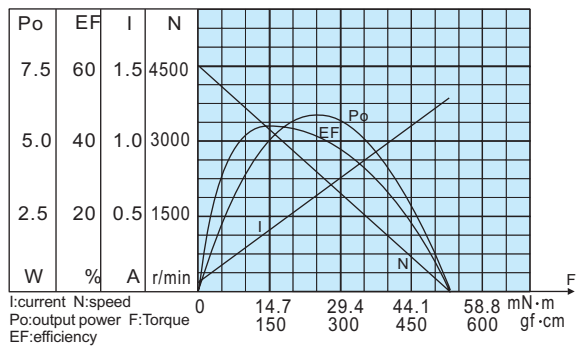
### 31ZY243000 CHARACTERISTICS



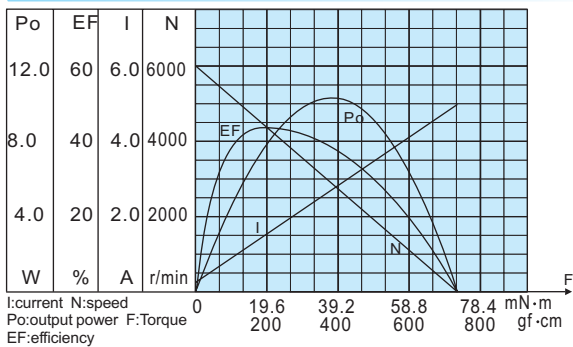
### 31ZY124500 CHARACTERISTICS



### 31ZY244500 CHARACTERISTICS



### 31ZY126000 CHARACTERISTICS



### 31ZY246000 CHARACTERISTICS

