

# Product parameter

Motor model	MD310Z20_7.4V	Stall current	$\leq 1.4A$
Motor rated voltage	7.4V	Rated current	$\leq 0.65A$
Motor type	Permanent magnet brush	Gear set reduction ratio	1:20
Output shaft	Diameter 3mm D type eccentric shaft	Encoder type	AB phase incremental hall encoder
Stall torque	$\geq 1.0kg \cdot cm$	Encoder supply voltage	3.3-5V
Rated torque	$0.4kg \cdot cm$	Number of magnetic ring	13-line
Rotational speed before deceleration	9000rpm	Interface Type	PH2.0 6Pin
Rotational speed after deceleration	$450 \pm 10rpm$	Function	With its own pull-up shaping, the MCU can directly read the signal pulse
Rated power	4.8W	Single motor weight	About 70g

Note: The recommended power supply range for motors with 7.4V rated voltage is between 4.2~8.4V, and 7.4V is recommended.

## Product size

Motor output shaft: 3mm diameter D-shaft

Unit: mm

