



# ZWBMD004004

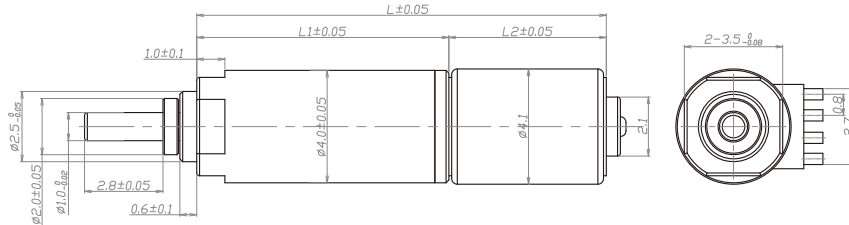
## Gearbox specifications

Outer diameter	4mm	Bearing	Porous bearing
Material	Metal	Axial endplay	≤0.3mm
Direction of rotation	cw & ccw	Radial loading on output shaft	≤0.3N
Gear backlash	≤3° (Customisable)	Operating temperature range	-20~ +85°C

## Gearbox stages

	1	2	3	4
Reduction ratio	5	25	125	625
Max rated torque of gearbox (gf.cm)	70	70	70	70
Instant torque of gearbox (gf.cm)	200	200	200	200
Gearbox efficiency	85	73	65	58
Length L1 (mm)	6.6	8.1	9.6	11.1

## Technical illustrations



## Motor specifications

Motors	Coreless motor, Stepper motor	Input speed	≤10000rpm
Voltage(Optional)	1.5-5V	Current	50mA max

Model	Rated Speed	Max Rated Torque	Max Instant Torque	Reduction ratio	Length L1	Overall Length
	rpm	gf.cm	gf.cm		mm	mm
ZWBMD004004-5	300.0	70	200	5	6.6	18.6
ZWBMD004004-25	60.0	70	200	25	8.1	20.1
ZWBMD004004-125	12.0	70	200	125	9.6	21.6
ZWBMD004004-625	2.4	70	200	625	11.1	23.1

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