



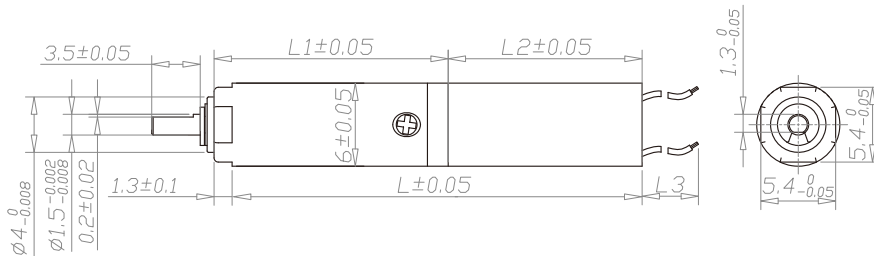
ZWBMD006006

Gearbox specifications

Outer diameter	6mm	Bearing	Porous bearing	Rolling bearing
Material	Metal	Axial endplay	≤0.3mm	≤0.2mm
Direction of rotation	cw & ccw	Radial loading on output shaft	≤0.5N	≤5N
Gear backlash	≤3° (Customisable)	Operating temperature range	-20~ +85°C	

Gearbox stages	1	2	3	4
Reduction ratio	5 / 6	23 / 31 / 41	110 / 148 / 198 / 266	531 / 711 / 952 / 1275 / 1708
Max rated torque of gearbox (gf.cm)	330	330	330	600
Instant torque of gearbox (gf.cm)	800	800	800	1500
Gearbox efficiency	87	74	63	56
Length L1 (mm)	9.7	12.1	14.5	16.9

Technical illustrations



Motor specifications

Motors	DC brush motor, DC brushless motor, Stepper motor	Input speed	≤30000rpm
Voltage(Optional)	3-12V	Current	100mA max

Model	Rated Speed	Max Speed	Max Rated Torque	Max Instant Torque	Reduction ratio	Length L1	Overall Length
	rpm	rpm	gf.cm	gf.cm			
ZWBMD006006-5	1563	6250	330	800	4.8	9.7	23.7
ZWBMD006006-6	1166	4666	330	800	6.43		
ZWBMD006006-23	326	1302	330	800	23.04	12.1	26.1
ZWBMD006006-31	243	972	330	800	30.86		
ZWBMD006006-41	181	726	330	800	41.33		
ZWBMD006006-110	68	271	330	800	110.6	14.5	28.5
ZWBMD006006-148	51	203	330	800	148.1		
ZWBMD006006-198	38	151	330	800	198.4		
ZWBMD006006-266	28	113	330	800	265.7		
ZWBMD006006-531	14	57	600	1500	530.8	16.9	30.9
ZWBMD006006-711	11	42	600	1500	711.0		
ZWBMD006006-952	8	32	600	1500	952.2		
ZWBMD006006-1275	6	24	600	1500	1275.2		
ZWBMD006006-1708	4	18	600	1500	1707.9		

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