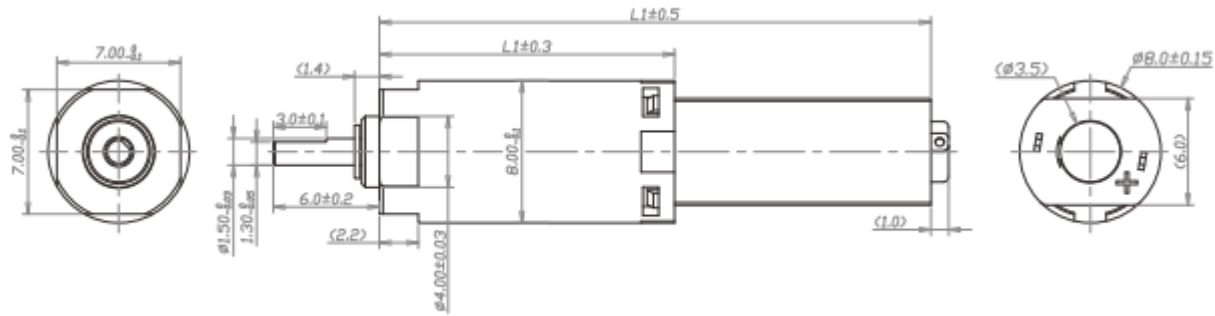


SLPD0008 Gearbox Specifications



OD	8mm	Bearing	Porous bearing	
Material	Plastic	Axial end play	≤0.3mm	
Rotation Direction	cw& ccw	Radial loading on output shaft	≤0.8N	
Gear backlash	≤3°C	Operating Temperature Range	-20°-+85°C	
Gearbox Stages	1	2	3	4
Reduction Ratio	4/5	13/19 /28	47/69/102 /152	168/249/369/546/809
Max Rated torque of gearbox(gf.cm)	50	100	200	400
Instant torque of gearbox(gf.cm)	200	300	600	900
Gearbox efficiency (%)	85	73	65	58
Gearbox length L1 (mm)	8.6	11.3	14	16.7

Technical Drawing



Motor Specifications

Motor type (optional)	Brushed DC motor, Brushless DC motor, Coreless motor, Stepper motor	Input Speed	≤30000rpm
Voltage(optional)	3-12V	Current	150mA max

Model	Rated Speed (rpm)	Max Speed (rpm)	Max Rated Torque(gf.cm)	Max instant Torque(gf.cm)	Reduction Ratio	Gearbox Length	Overall Length
SLPD0008-4	3111	4233	50	200	3.6	8.6	23.1
SLPD0008-5	2100	2857	50	200	5.3		
SLPD0008-13	864	1122	100	300	13.0	11.3	25.8
SLPD0008-19	583	758	100	300	19.2		
SLPD0008-28	394	511	100	300	28.4		
SLPD0008-47	240	306	200	600	46.7	14.0	28.5
SLPD0008-69	162	207	200	600	69.1		
SLPD0008-102	109	140	200	600	102.4		
SLPD0008-152	74	94	200	600	151.7		

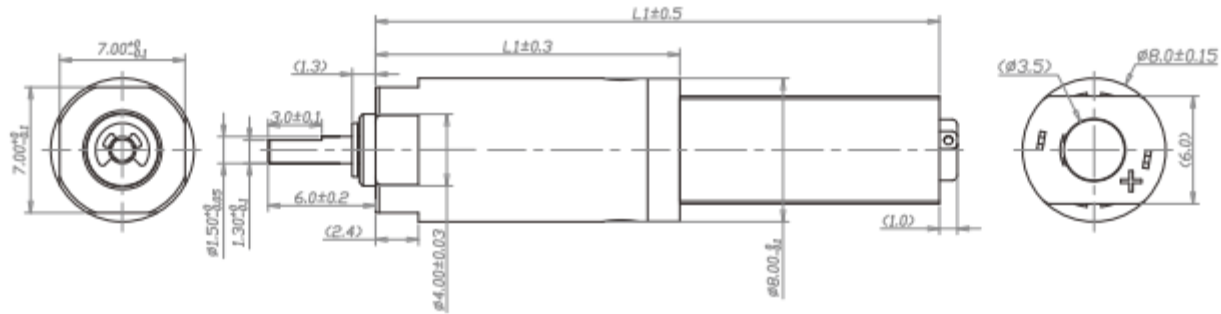
SLPD0008-168	67	84	300	900	168.0	16.7	31.2
SLPD0001-249	45	56	300	900	248.8		
SLPD0001-369	30	38	300	900	368.6		
SLPD0001-546	21	26	300	900	546.1		
SLPD0001-809	14	17	300	900	809.1		

OEM/ODM is acceptable!

SLMD0008 Gearbox Specifications

OD	8mm	Bearing	Porous bearing	
Material	Metal	Axial end play	≤0.3mm	
Rotation Direction	cw& ccw	Radial loading on output shaft	≤2N	
Gear backlash	≤3°C	Operating Temperature Range	-20°-+85°C	
Gearbox Stages	1	2	3	4
Reduction Ratio	4/5	13/19 /28	47/69/102 /152	168/249/369/546/809
Max Rated torque of gearbox(gf.cm)	250	400	600	750
Instant torque of gearbox(gf.cm)	500	800	1200	1500
Gearbox efficiency (%)	85	73	62	55
Gearbox length L1 (mm)	11.6	14.3	17	19.7

Technical Drawing



Motor Specifications

Motor type (optional)	Brushed DC motor, Brushless DC motor, Coreless motor, Stepper motor	Input Speed	≤30000rpm
Voltage(optional)	3-12V	Current	150mA max

Model	Rated Speed (rpm)	Max Speed (rpm)	Max Rated Torque(gf.cm)	Max instant Torque(gf.cm)	Reduction Ratio	Gearbox Length	Overall Length
SLMD0008-4	3361	4630	250	500	3.6	11.6	26.1
SLMD0008-5	2269	3125	250	500	5.3		
SLMD0008-13	934	1228	400	800	13.0	14.3	28.8
SLMD0008-19	630	829	400	800	19.2		
SLMD0008-28	425	559	400	800	28.4		
SLMD0008-47	259	335	600	1200	46.7	17.0	31.5
SLMD0008-69	175	226	600	1200	69.1		
SLMD0008-102	118	153	600	1200	102.4		
SLMD0008-152	80	103	60	1200	151.7		

SLMD0008-168	72	91	750	1500	168.0	19.7	34.2
SLMD0008-249	49	62	750	1500	248.8		
SLMD0008-369	33	42	750	1500	368.6		
SLMD0008-546	22	28	750	1500	546.1		
SLMD0008-809	15	19	750	1500	809.1		

OEM/ODM is acceptable!