

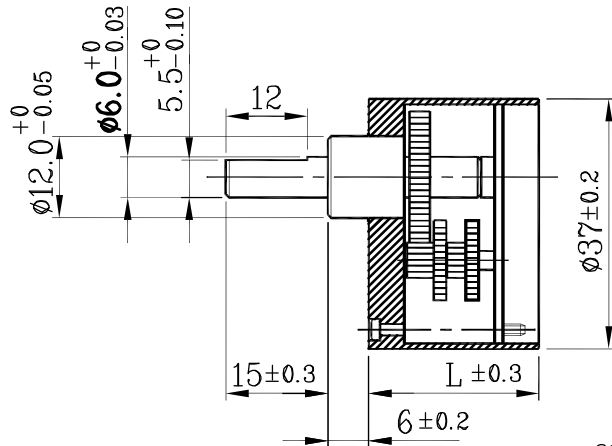
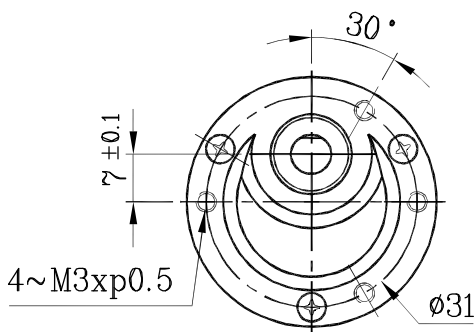
RB-37S

P/M Gear + Plastic Gear



Housing material	Plastic	Backlash, at no-load	$\leq 2^\circ$
Bearing at output	Sleeve bearings		
Radial load (10mm from flange)	≤ 1 kgf		
Shaft axial load	≤ 0.7 kgf		
Shaft press fit force, max.	≤ 15 kgf		
Radial play of shaft	≤ 0.05 mm		
Thrust play of shaft	≤ 0.35 mm		

APPEARANCE SIZE

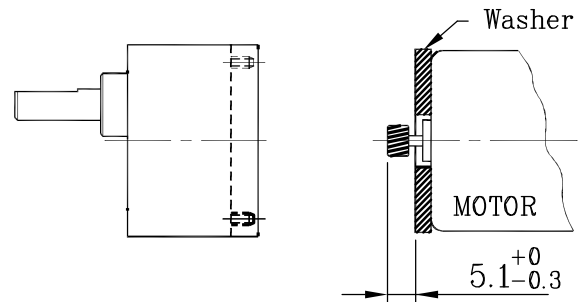


scale: 9:10

PINION SPECIFICATIONS

Module	0.5
No. of teeth	10
Pressure angle	20°
Helix angle	18° (左, left)
Hole diameter	ø1.98 , ø2.28 , ø2.48 , ø2.98 , ø3.16
Reduction ratio	Practicable

MOTOR INSTALLATION



GEARBOXES SPECIFICATIONS

20%~85%RH Operating relative humidity
 -10°C~+60°C Operating temperature range

Reduction ratio	Rated tolerance torque	Max momentary tolerance torque	Efficiency	L	Weight (g)
1/18	1.0 kgf-cm Max.	3.0 kgf-cm	73%	22.0	64
1/30	1.2 kgf-cm Max.	3.6 kgf-cm	73%	22.0	64
1/50 , 1/60 , 1/75	2.0 kgf-cm Max.	6.0 kgf-cm	66%	24.5	70
1/90 , 1/100	3.0 kgf-cm Max.	9.0 kgf-cm	66%	24.5	70
1/120 , 1/150 , 1/180 , 1/200 , 1/300	4.0 kgf-cm Max.	12.0 kgf-cm	59%	27.0	73
1/400 , 1/450 , 1/500 , 1/600	4.0 kgf-cm Max.	12.0 kgf-cm	53%	29.5	78
1/900 , 1/1000	4.0 kgf-cm Max.	12.0 kgf-cm	53%	29.5	78
1/1500 , 1/3000	4.0 kgf-cm Max.	12.0 kgf-cm	48%	32.0	82