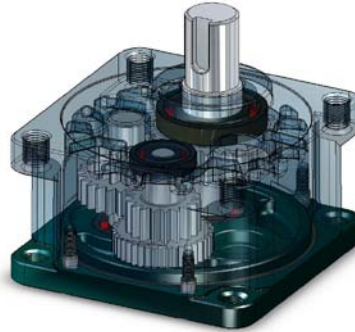


# Stepper Gear Box



## EP60



Gear Ratio	1:3.6	1:7.2	1:10	1:20	1:30	1:50
Permissible Torque N.m(kgfcM)	1.25(12.5)	2.5(25)	3(30)	3.5(35)	4(40)	5(50)
Permissible Thrust Force N (kg)	40(4)					
Permissible Loading Weight N(kg)	100(10)					
Backlash	35(0.564°)	15(0.25°)		10(0.167°)		
Output Shaft Speed (r/min)	0~500	0~250	0~180	0~90	0~60	0~36
A Dimension (mm)	38			45.5		52.5

### DRAWING

Technical drawing showing three views of the EP60 Stepper Gear Box:

- Top View:** Shows a square housing with dimensions 60.0 (total width) and 49.5 (inner width). It features four M4\*P0.7 screws and a central shaft hole with a diameter of  $\varnothing 23.0_{-0.15}^0$ . The mounting surface has a diameter of  $\varnothing 54.0_{+0.04}^{+0.01}$ .
- Side View:** Shows the housing profile with a total width of 60.0 and an inner width of 49.5. The distance from the center of the shaft to the inner edge is labeled 'A'. Other dimensions include 32.0 (REF) and 3.5 (REF).
- Shaft View:** Shows the output shaft with a diameter of  $\varnothing 10.0_{-0.018}^0$  and a length of 25.0. The shaft has a diameter of  $\varnothing 4.0_{+0.04}^0$  at the top and a diameter of  $\varnothing 3.0_{-0}^{+0.1}$  at the bottom.

2GH23M	Gear ratio	A
	3.6	38.0
7.2		
10		
20	45.5	
30		
50		

