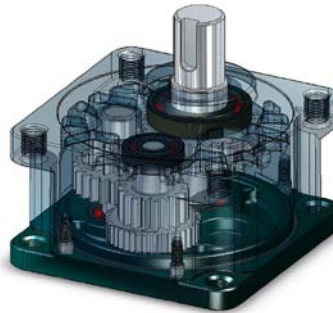


Stepper Gear Box



EP90



Gear Ratio	1:3.6	1:7.2	1:10	1:20	1:30	1:50
Permissible Torque N.m(kgfcM)	15(150)			20(200)		
Permissible Thrust Force N (kg)	100(10)					
Permissible Loading Weight N(kg)	300(30)					
Backlash	25(0.417°)	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)	57			69.5		80

DRAWING

Technical drawing showing three views of the EP90 stepper gear box:

- Top View:** Shows a square housing with dimensions 90.7 mm (total width) and 73.5 mm (inner width). It features 4-M8*P1.25 mounting holes and a central shaft hole with a diameter of $\phi 10.4^{+0.015}_{-0.3}$. A distance of 18.0 mm is indicated from the corner to the center.
- Side View:** Shows the housing profile with a total width of 42.0 mm (REF) and a distance of 7.0 mm (REF) from the center to the side edge. The dimension 'A' represents the total length of the housing.
- Shaft View:** Shows the output shaft with a diameter of $\phi 18.0^{+0.000}_{-0.018}$ and a length of 25.0 mm. The shaft has a diameter of 6.0 mm with a tolerance of $+0.04/0.00$ and a length of 3.5 mm with a tolerance of $+0.1/0.0$.

5GB34M	Gear ratio	A
	5	57
	10	
	15	
	20	69.5
	30	
50	80	
100		

