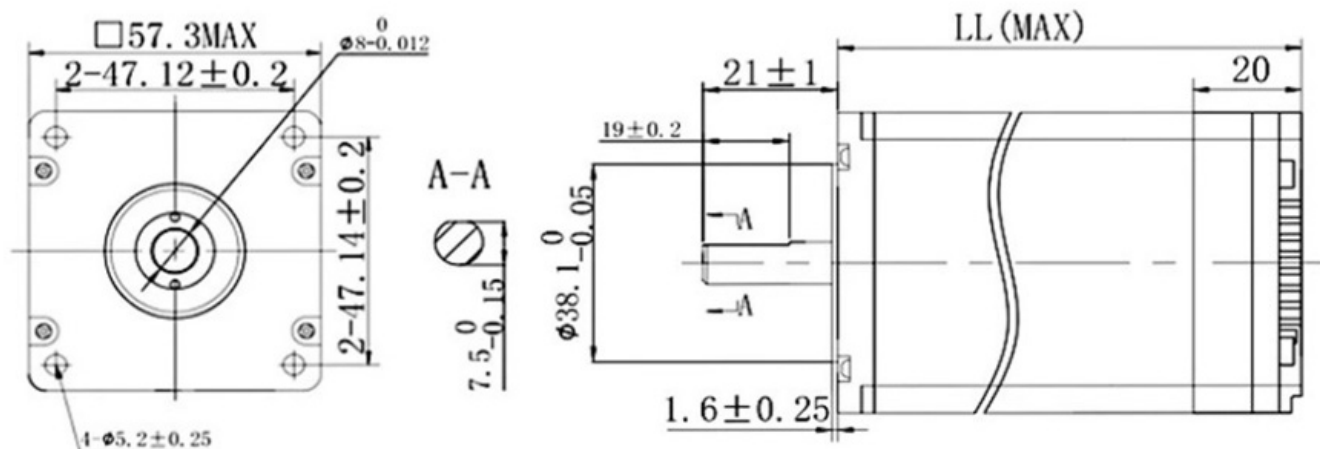




Motor model	Motor Length	Axis length	Shaft Diameter	Phase Current	Phase Resistance	Maintain Torque	Moment of Inertia	Weight
	(LL)mm	(LR)mm	(S)mm	(A)	Ω	N.m	$\text{g} \cdot \text{cm}^2$	g
HBT5776C	96	21	8	3.5	0.40	2.0	450	1100

Technical drawing of a mechanical part with dimensions:

- Overall length: $L1=66$, $L2=81$
- Overall diameter: $\phi 40h7$
- Internal hole diameter: $\phi 14h7$
- Thread: $M5 \times 12$
- Dimensions: 35, 31, 25, 9, 3, 3, 6.35/8, $\phi 38.1H7$

Technical drawing of a square plate. The overall dimensions are 47.14 mm by 47.14 mm. The plate has a central circular feature with a diameter of 57 mm. There are four corner holes, each with a diameter of 5.2 mm. The central feature has a smaller circular hole with a diameter of 7.7 mm. The drawing includes dimension lines and labels for these features.

Technical drawing of a square plate with a central circular feature and four corner holes. The plate has a total width and height of 57. The central circular feature has an outer diameter of 47.14. The four corner holes are labeled 4-M4T8. The drawing includes dimension lines and a leader line pointing to the corner holes.

Technical Parameters

Stage	Stage 1 (L1)				Stage 2 (L2)								Stage 3 (L3)							
Body length	66mm				81mm								96mm							
Speed ratio	4	5	7	10	16	20	25	28	35	40	50	70	64	80	100	125	140	170	200	
Rated output torque(Nm)	27	29.5	19.5	8.5	30	30	33	30	33	30	33	21.5	37.5	37.5	37.5	37.5	37.5	41	37.5	
Max output torque(Nm)	54	59	39	17	60	60	60	60	66	60	66	66	75	75	75	75	75	82	82	
Full load efficiency	96%				94%								90%							
Backlash Precision	≤ 20 Arcmin				≤ 40 Arcmin								≤50 Arcmin							
Input Shaft	6.35mm / 8mm																			
Output Shaft	14mm																			
Max radial force	320N																			
Max axial force	240N																			
Rated input speed	3000rpm																			
Max input speed	4000rpm																			
Lifespan	20000h																			
Direction of rotation	Input and output in the same direction																			
Operating temperature	-10°~ +80°																			

L1 (Stage 1) :

4 :1、 5:1、 7:1、 10:1

L2 (Stage 2) :

16 :1、 20:1、 25:1、 40:1、 50:1、 70: 1

