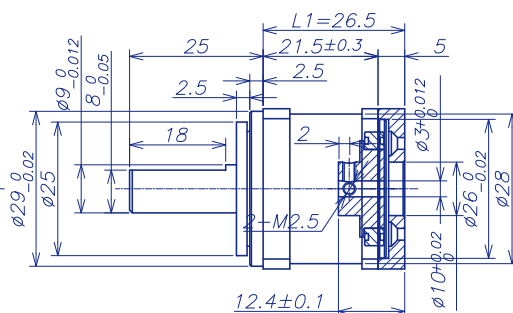
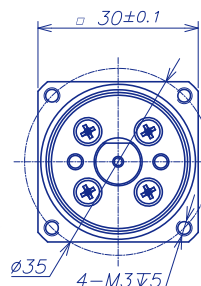
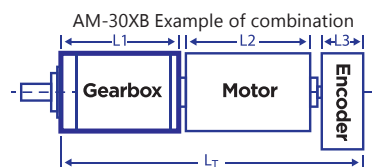


Reduction ratio	30	50	80	100
Nominal torque at input speed 2000r/min(N.m)	0.9	1.8	2.2	2.4
Peak torque at start-stop(N.m)	1.8	3.3	4.3	4.8
Maximum of average load torque(N.m)	1.4	2.3	2.9	3.3
Max intermittent torque(N.m)	3.3	6.6	8	9
Backlash(Arcses)	≤20	≤20	≤10	≤10
Maximum input speed(r/min)	8500			
Average input speed(r/min)	3500			
Inertia(1/4GD)(g.cm ²)	3.2x10 ³			
Weight (g)	≤0.07kg			
Designed life	7000			
Efficiency in nominal torque(25 C)	62%	65%	60%	60%
Harmonic drive gearbox model	AM-30XBC-30	AM-30XBC-50	AM-30XBC-80	AM-30XBC-100



Suitable for Brushless Motor
Encoder S:
AM-EN1611S***
Encoder T:
AM-EN1612T***

Technical drawing of a mechanical part with dimensions:

- Overall length: 12.4 ± 0.3
- Left section diameter: $\varnothing 2.5$
- Left section length: 6
- Right section diameter: $\varnothing D$
- Right section length: $4 - M2$
- Right section thickness: 2

Encoder length L_3	10.
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