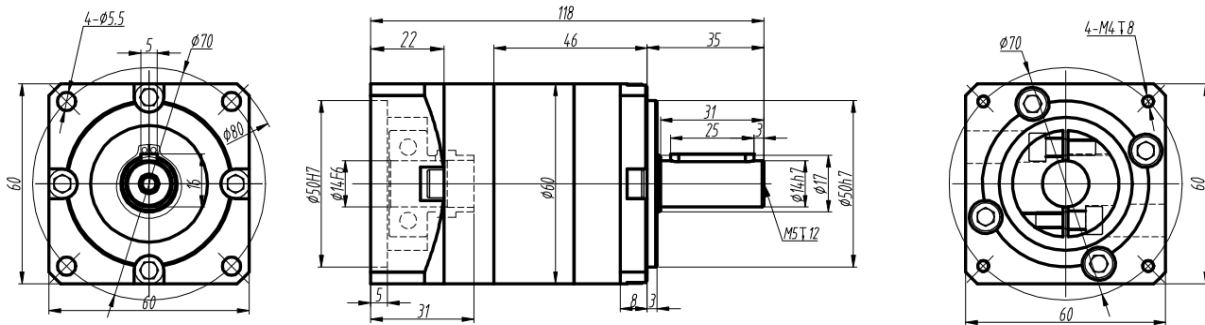


AE-060 Planetary reducers

Single stage dimensional drawing



AE-060-()-S2



Motor size: Ø14x30/Ø50x3.5/4-Ø5.5-Ø70

Input shaft diameter: 14mm

Output shaft diameter : 14mm

Model	Ratio	Moment of inertia Kgcm ²	Rated output torque TN(Nm)
AE-060-03-S2	3:1	0.107	16.5
AE-060-04-S2	4:1	0.094	27
AE-060-05-S2	5:1	0.092	29.5
AE-060-07-S2	7:1	0.091	19.5
AE-060-10-S2	10:1	0.091	8.5

Rated output torque	TN Nm
Fault stop torque	2TN Nm (2 times the rated output torque)
Rated input speed	3000min ⁻¹
Maximum input speed	8000min ⁻¹
Average life span	20000h
Weight	1.0kg
Torsional rigidity	3 Nm/arcmin
Backlash	≤8 arcmin
Maximum output radial force	Fr=485n (according to the rated service life, the output speed is 100RPM, and 1/2 of the length of the output shaft is the stress point)
Maximum output axial force	Fa=380n (according to the rated service life, the output speed is 100RPM, and 1/2 of the output shaft length is the stress point)
Output shaft key standard	Round head ordinary flat key (type A)GB1096-79