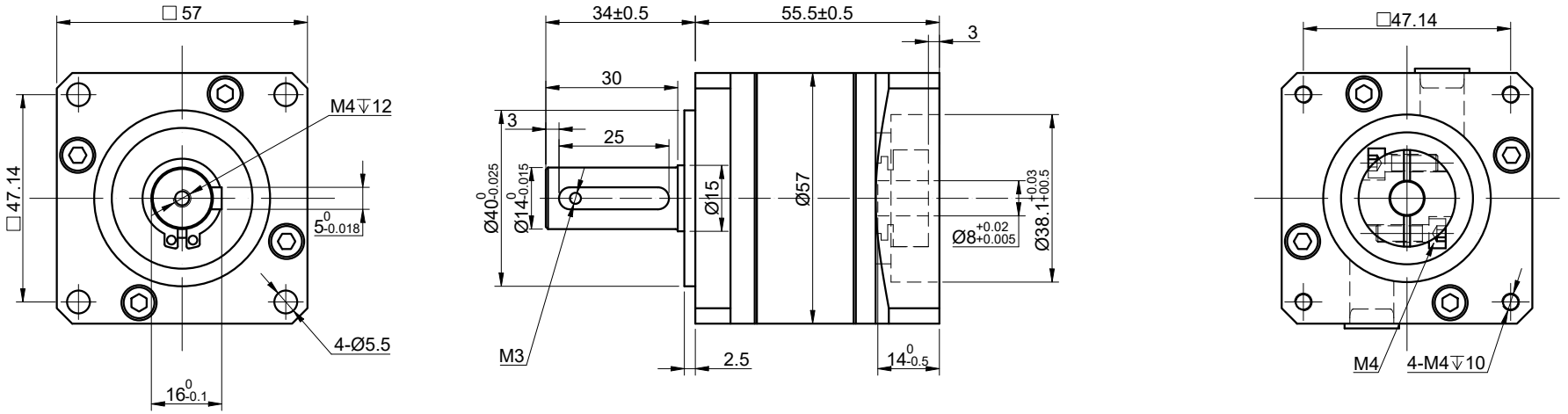
MODEL NO.	MG23-G4-D8	DWG NO.	A6402

REV.	REVISION RECORD	BY	DATE
0	ORIGIN	ZPJ	4.1.2026



SPECIFICATION / CONNECTION	VALUE
GEAR RATIO	4
EFFICIENCY	90%
BACKLASH@NO-LOAD(arcmin)	<=30
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]	25.00[221.27]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]	50.00[442.54]
SHAFT MAXIMUM AXIAL LOAD(N)	200
SHAFT MAXIMUM RADIAL LOAD(N)	400
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)	8-14
RATED INPUT SPEED(RPM)	1000
MAX. INPUT SPEED(RPM)	2000
NOISE(dB)	<=55
WATERPROOF RATING	IP54
LIFE(h)	20000
WORKING TEMPERATURE	-20°C~150°C[-4°F~302°F]

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:

DECIMALS		ANGLES
X	±0.5	±2°
X.X	±0.25	
X.XX	±0.13	

THIRD ANGLE PROJECTION

SIGNATURE		DATE
DRN	ZPJ	4.1.2026
APVD	LDJ	4.1.2026

STEPPERONLINE®

PLANETARY GEARBOX

MG23-G4-D8

REV.	0	SCALE	1:1	DWG NO.	A6402