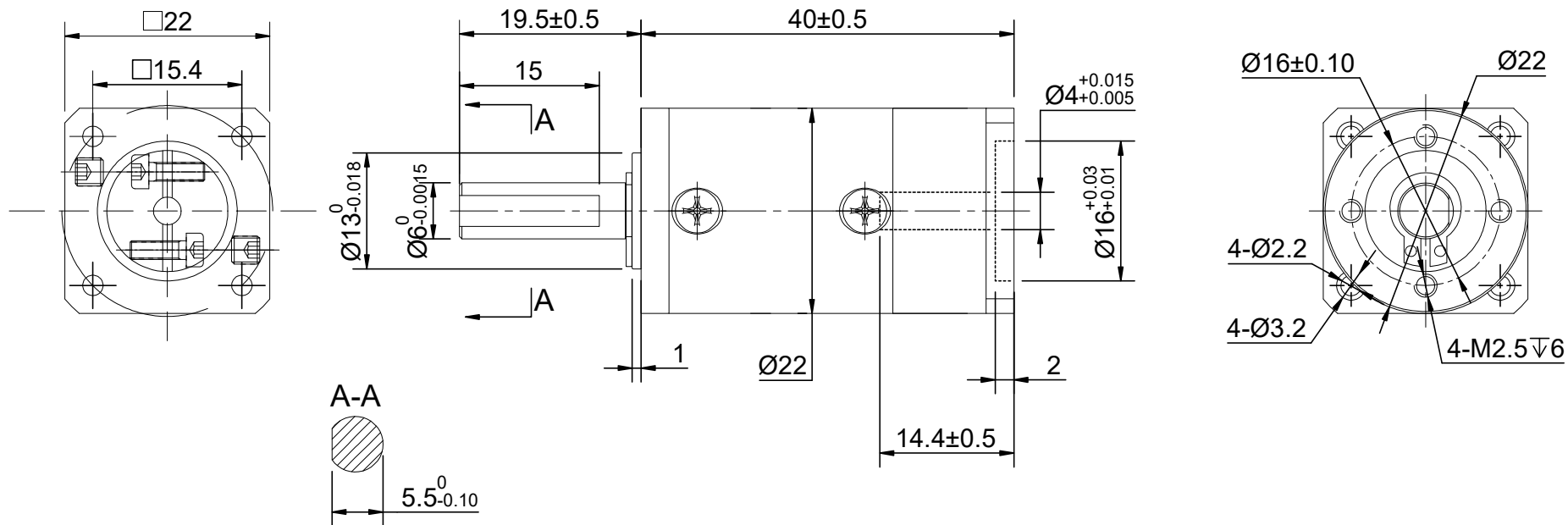


REV.	REVISION RECORD	BY	DATE
0	ORIGIN	LDJ	10.15.2024



SPECIFICATION	CONNECTION	VALUE
GEAR RATIO		5
EFFICIENCY		96%
BACKLASH@NO-LOAD(arcmin)		≤ 15
MAX.PERMISSIBLE TORQUE(Nm)[lb-in]		2.00[17.70]
MOMENT PERMISSIBLE TORQUE(Nm)[lb-in]		4.00[35.40]
SHAFT MAXIMUM AXIAL LOAD(N)		100
SHAFT MAXIMUM RADIAL LOAD(N)		300
GEARBOX MATCHING MOTOR'S INPUT SHAFT LENGTH (mm)		6.5~10.5
RATED INPUT SPEED(RPM)		1000
MAX. INPUT SPEED(RPM)		2000
NOISE(dB)		≤ 55
WATERPROOF RATING		IP54
LIFE(h)		20000
WORKING TEMPERATURE		$-20^{\circ}\text{C} \sim 150^{\circ}\text{C} [-4^{\circ}\text{F} \sim 302^{\circ}\text{F}]$

DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES AS BELOW:
DECIMALS ANGLES
X ± 0.5 $\pm 2^{\circ}$
X.X ± 0.25
X.XX ± 0.13

THIRD ANGLE
PROJECTION



SIGNATURE

DATE

DRN

LDJ

10.15.2024

APVD

MYX

10.15.2024

STEPPERONLINE®

PLANETARY GEARBOX

EGS8-G5

REV.	0	SCALE	2:3	DWG NO.	A3790
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