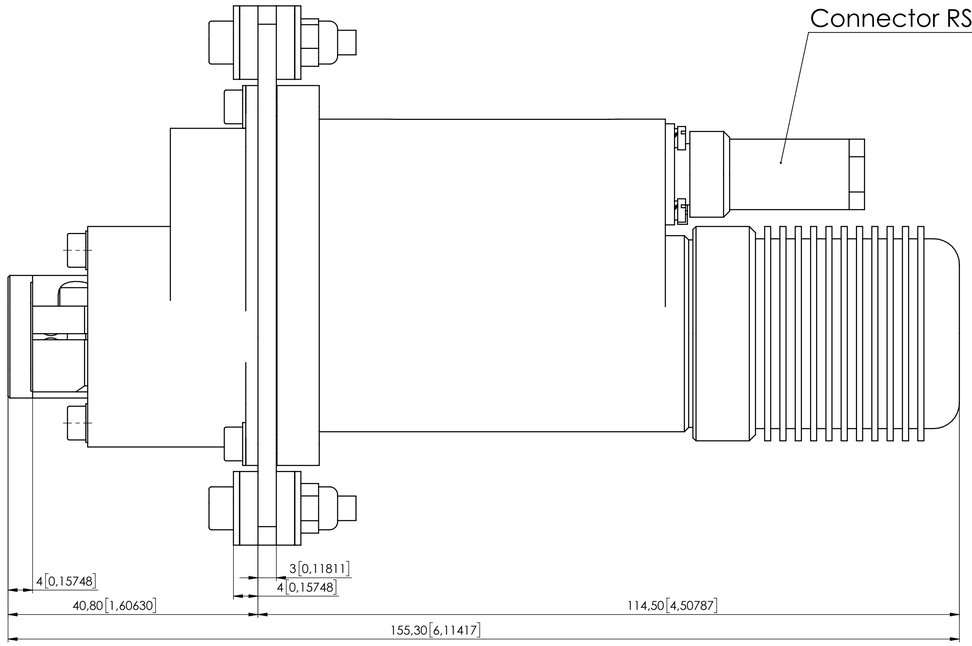
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



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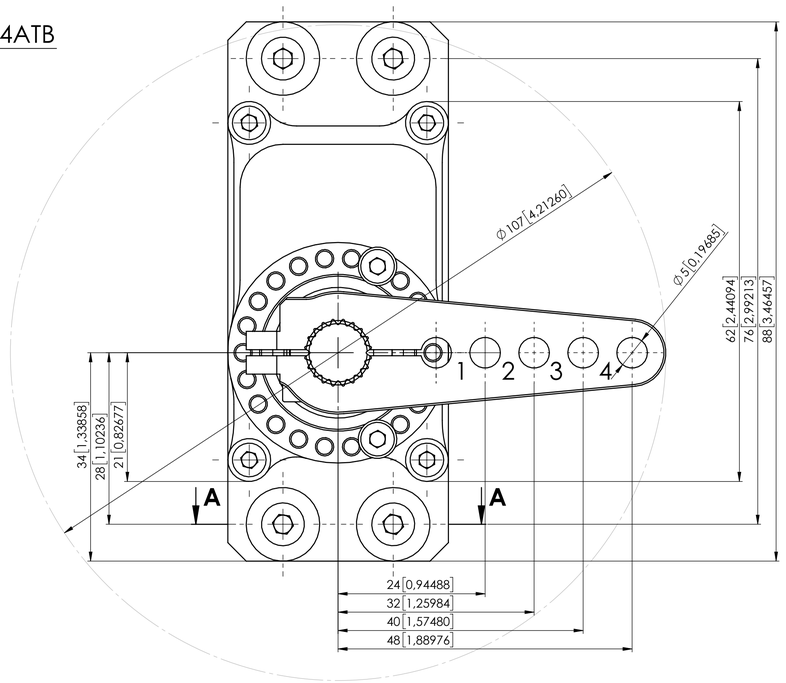
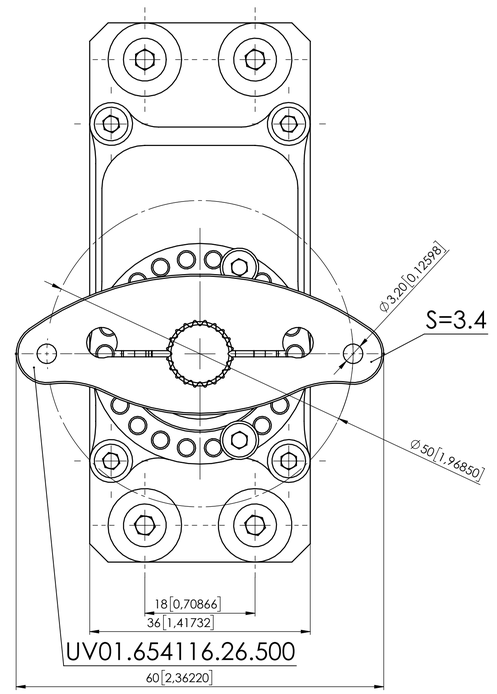
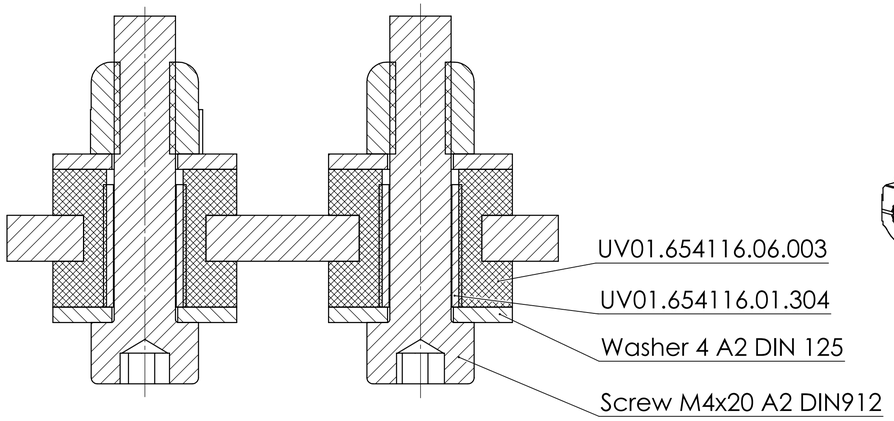
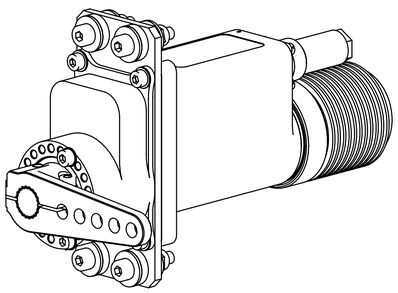
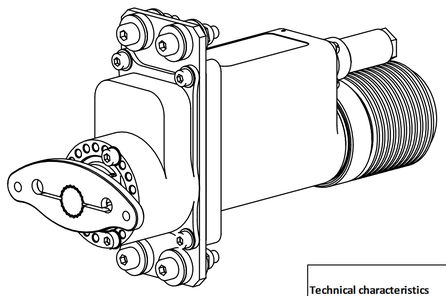






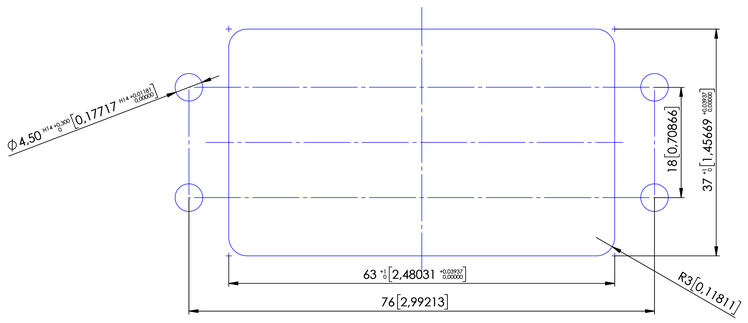




RSG4ATB plug

1	GND
2	+12 VDC
3	CAN H
4	CAN L

Mounting holes



Technical characteristics	SD-02-43 UV01.654116.26	SD-02-86 UV01.654116.27	SD-02-159 UV01.654116.28
Backlash, at no-load	≤ 1°		
Supply Voltage (nominal), VDC	12		
Supply Voltage Range, VDC	8-16		
Standby Current at nominal voltage, A	< 0,04		
Rated Current at nominal voltage, A	3		
Peak Current at nominal voltage, A	8		
Maximum Travel Angle (can be configured)	+/- 180°		
Minimum shift	0,1°		
Operating temperature range, °C	-30 to +70		
Rated speed motor for continuous operation, min-1	4390	4390	6090
Reduction ratio	43:1	86:1	159:1
Rated output shaft speed for continuous operation, min-1	102	51	38,4
Rated output shaft torque for continuous operation, Nm	1,29	2,58	2,70
Nominal force at hole 1 in the bellcrank, N	53,75	107,50	112,60
Nominal force at hole 2 in the bellcrank, N	40,30	80,60	84,50
Nominal force at hole 3 in the bellcrank, N	32,25	64,50	67,60
Nominal force at hole 4 in the bellcrank, N	26,87	53,70	56,30
Nominal force on the bellcrank UV01.654116.26.500, N	51,60	103,20	108,10

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NEXT ASSY | USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED
DIM ARE IN MILLIMETERS
[DIM ARE IN INCHES]
TOL ON ANGLES **±0.5°**
0 PLACE **±0.5** 1 PLACE **±0.1**
INTERPRET DIM AND TOL
PER **ASME Y14.5M**
Surface Finish: **Ra3.2**

THIRD ANGLE PROJECTION

DRAFTER
CHECKER
DEV ENGR

CONTRACT NO.
UAVOS FUNDED

MATERIAL

UAVOS

TITLE

Servo Drive SD-02-43

SIZE	CAGE CODE	DRAWING NUMBER	REV
A1		UV01.654116.26	10
SCALE 2:1		WEIGHT KG 0.51	SHEET 1 OF 1