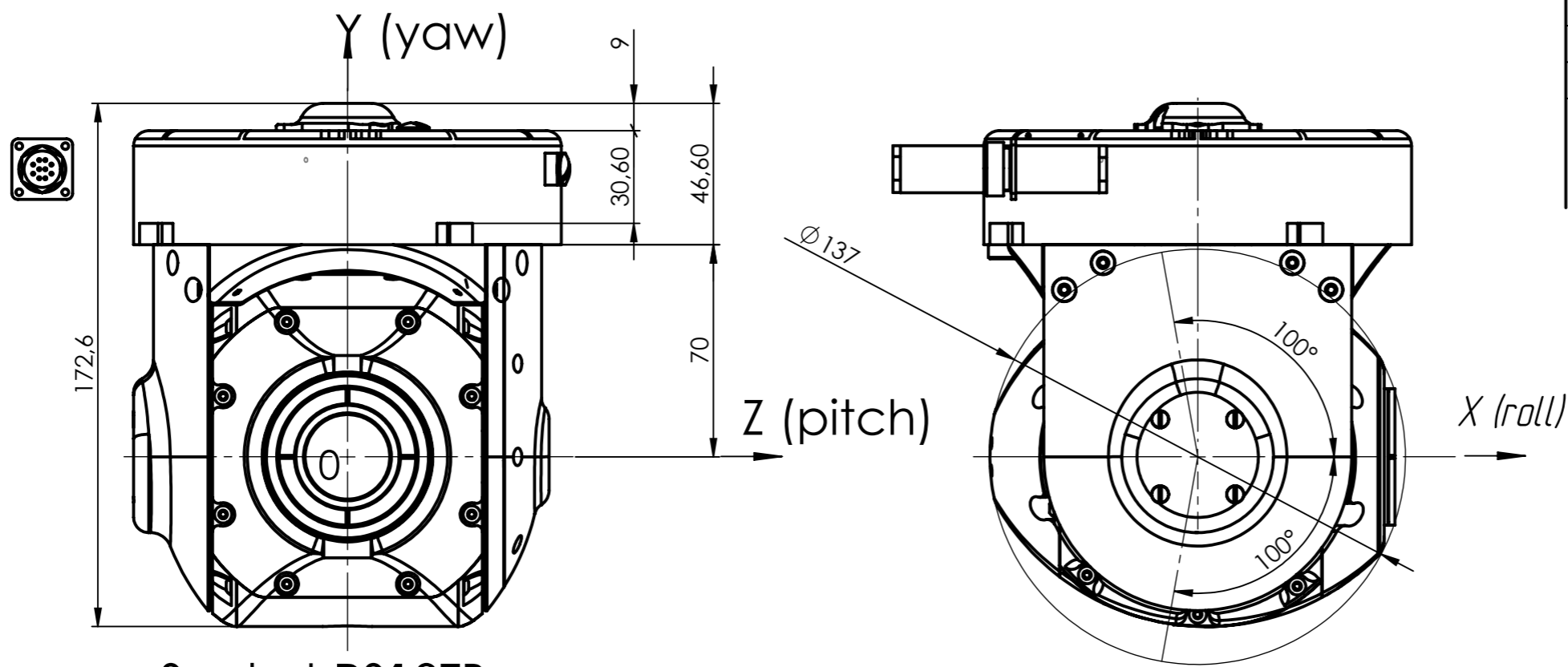


8 7 6 5 4 3 2 1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

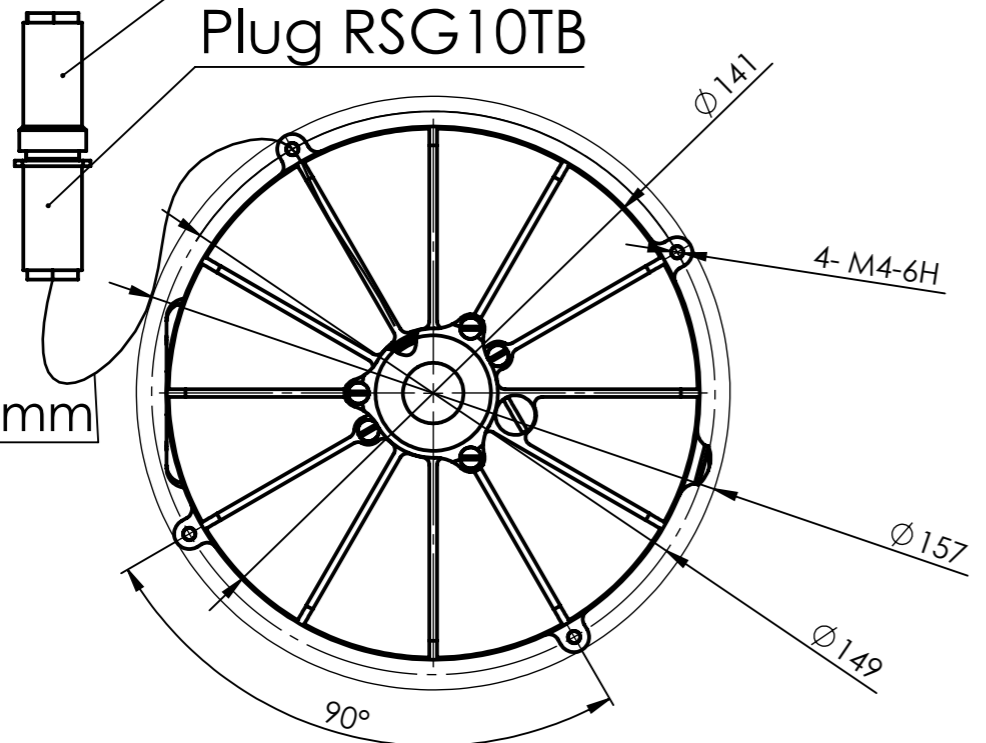


Angle rotation	
Roll	$\pm 30^\circ$
Yaw	360°
Pitch	$\pm 100^\circ$

Plug RSG10TB	
1	GND
2	V+
3	CAN H
4	CAN L
5	Reserve
6	Reserve
7	Ethernet TX +
8	Ethernet TX -
9	Ethernet RX +
10	Ethernet RX -

Socket RS10TB

Plug RSG10TB



Direct drive
 IP-65
 Anti vibration frame
 Environment temperature range: -40 ... +50°C
 Accuracy of coordinates: 20-30 m
 Supply voltage: 8-25V
 Max. power consumption: 40W
 Wavelength band: 8...14 μ m
 Thermal sensitivity: 0,05°
 Max field of view: 63° (35 mm f/1.2)
 Rotation speed: 120°/sec
 Pixel size: 17 μ m
 Matrix resolution: 640x512

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APPLICATION	NEXT ASSY	USED ON

UNLESS OTHERWISE SPECIFIED
 DIM ARE IN MILLIMETERS
 [DIM ARE IN INCHES]
 TOL ON ANGLES $\pm 0.5^\circ$
 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 **Gyro-stabilized thermal imaging gimbal (GSG-140T)**

SIZE A3	CAGE CODE	DRAWING NUMBER UV01.6402.07.15.00	REV 10
SCALE 1:1	WEIGHT KG 1.20	SHEET 1 OF 1	

8 7 6 5 4 3 2 1