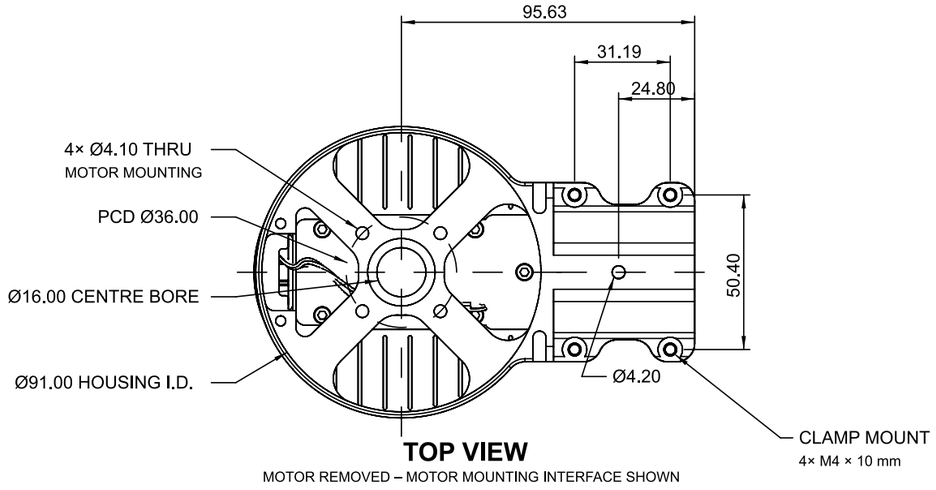
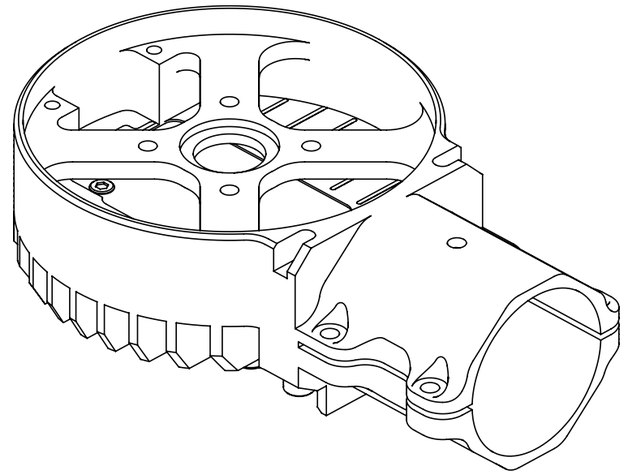
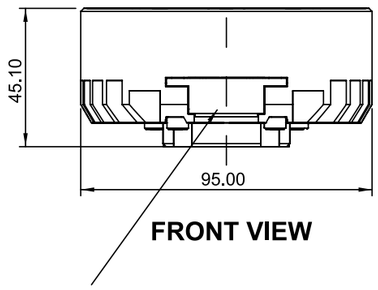



**TOP VIEW**

MOTOR REMOVED – MOTOR MOUNTING INTERFACE SHOWN

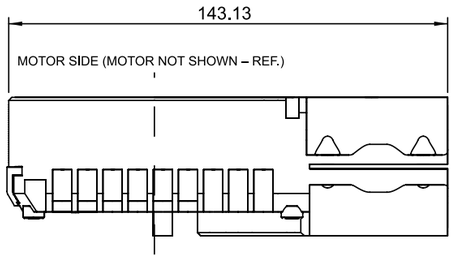


**ISOMETRIC VIEW (NOT TO SCALE)**

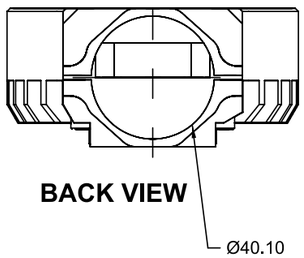



**FRONT VIEW**

LED LIGHT FOR WARNING & PROTECTION INDICATION
(CLEAR EPOXY POTTED)

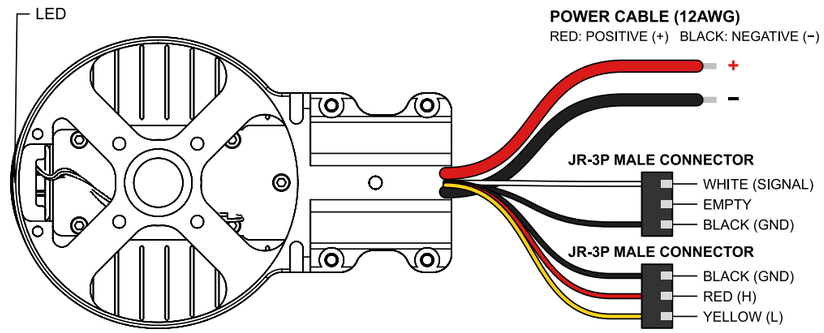



**LEFT VIEW**



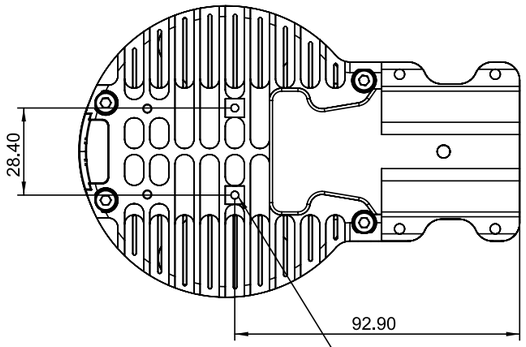
**BACK VIEW**

Ø40.10
(FOR Ø40 mm DIA CARBON FIBER TUBE)




**WIRING VIEW (TOP)**

MOTOR NOT SHOWN (REF.) – CABLE ROUTING & LENGTHS SCHEMATIC




**BOTTOM VIEW**

2× M3 THREADED, DEPTH 5 mm
(FOR AGRI SPRAY MOUNTING)

**WIRING DETAILS**

| ITEM | CABLE / CONNECTOR | TYPE | WIRE COLOUR | FUNCTION |
|---|---|---|---|---|
| 1 | POWER CABLE | 12AWG | RED | POSITIVE (+) |
| 2 | POWER CABLE | 12AWG | BLACK | NEGATIVE (−) |
| 3 | JR-3P MALE CONNECTOR | SIGNAL LEAD | WHITE | SIGNAL |
| | | | — | EMPTY |
| | | | BLACK | GND |
| 4 | JR-3P MALE CONNECTOR | SIGNAL LEAD | BLACK | GND |
| | | | RED | H |
| | | | YELLOW | L |

## NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES. UNTOLERANCED DIMENSIONS PER ISO 2768-m.
2. GEOMETRY AND DIMENSIONS TAKEN FROM 3D MODEL "RD R8 IPU Base_Customer Step.STEP".
3. MOTOR IS NOT SHOWN (FOR REFERENCE ONLY). MOTOR MOUNTING INTERFACE: 4× Ø4.10 THRU ON PCD Ø36.00, Ø16.00 CENTRE BORE, Ø91.00 HOUSING I.D.
4. PRODUCT WEIGHT: 450 g INCLUDING WIRES.
5. INGRESS PROTECTION: IPX6. INTERNAL ELECTRONICS ARE FULLY POTTED; LED LIGHT IS POTTED IN CLEAR EPOXY.
6. HIDDEN LINES NOT SHOWN.
7. CLAMP MOUNT: 4× M4 × 10 mm SCREWS, HOLE SPACING 31.19 × 50.40.
8. POWER CABLES: 2× 12AWG – RED (+) / BLACK (−).
9. JR-3P MALE CONNECTOR (ITEM 3): WHITE – SIGNAL, EMPTY, BLACK – GND.
10. JR-3P MALE CONNECTOR (ITEM 4): BLACK – GND, RED – H, YELLOW – L.
11. CABLE EXIT, ROUTING AND LENGTHS IN WIRING VIEW ARE SCHEMATIC – FOR REFERENCE ONLY.
12. Ø40.10 CLAMP BORE SUITS Ø40 mm CARBON FIBER TUBE.

COMPANY

REFLEX DRIVE

TITLE

# R8 IPU- BASE ONLY

| DESCRIPTION | DRAWING NO. |
|---|---|
| R8 IPU ASSY – CUSTOMER GEN. ARRANGEMENT & WIRING | RD-R8IPU-GA-001 |

| DRAWN | DATE | CHECKED | APPROVED | IP RATING | SCALE | SIZE |
|---|---|---|---|---|---|---|
| | 12-11-2026 | | | IPX6 | 1:2 | A3 |

| UNITS | GENERAL TOLERANCE | WEIGHT (INCL. WIRES) | REV | SHEET | PROJECTION |
|---|---|---|---|---|---|
| mm | ISO 2768-m | 450 g | A | 1 OF 1 | 3RD ANGLE |