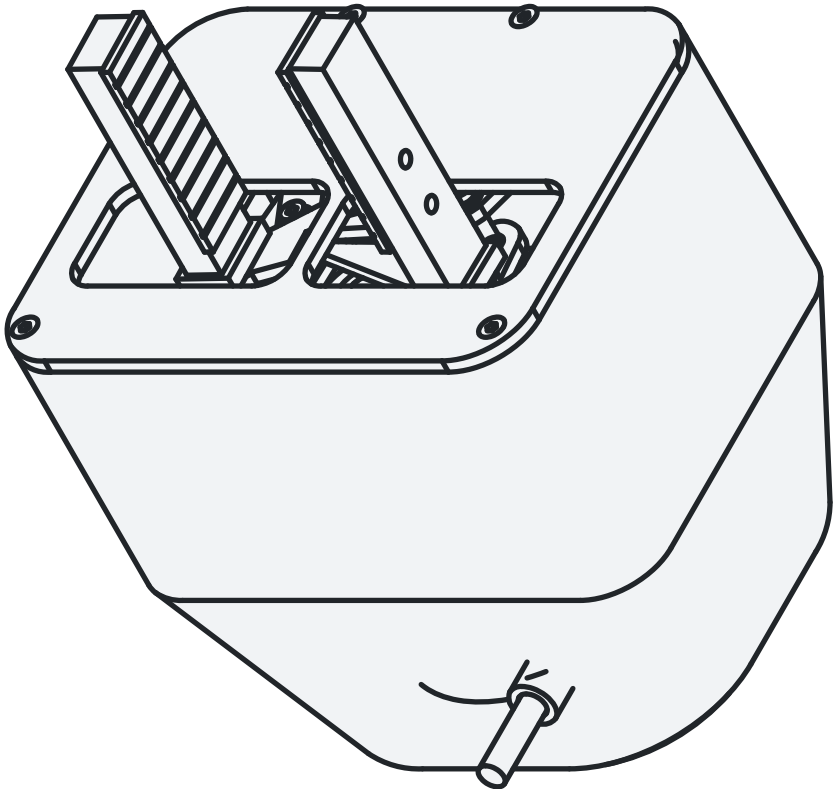
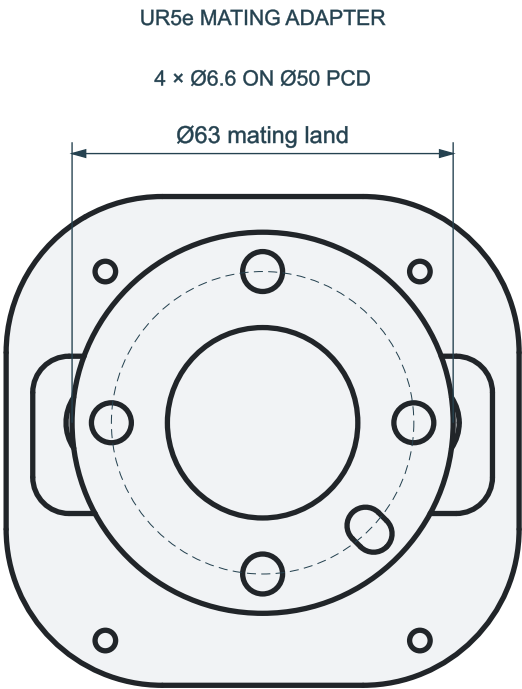
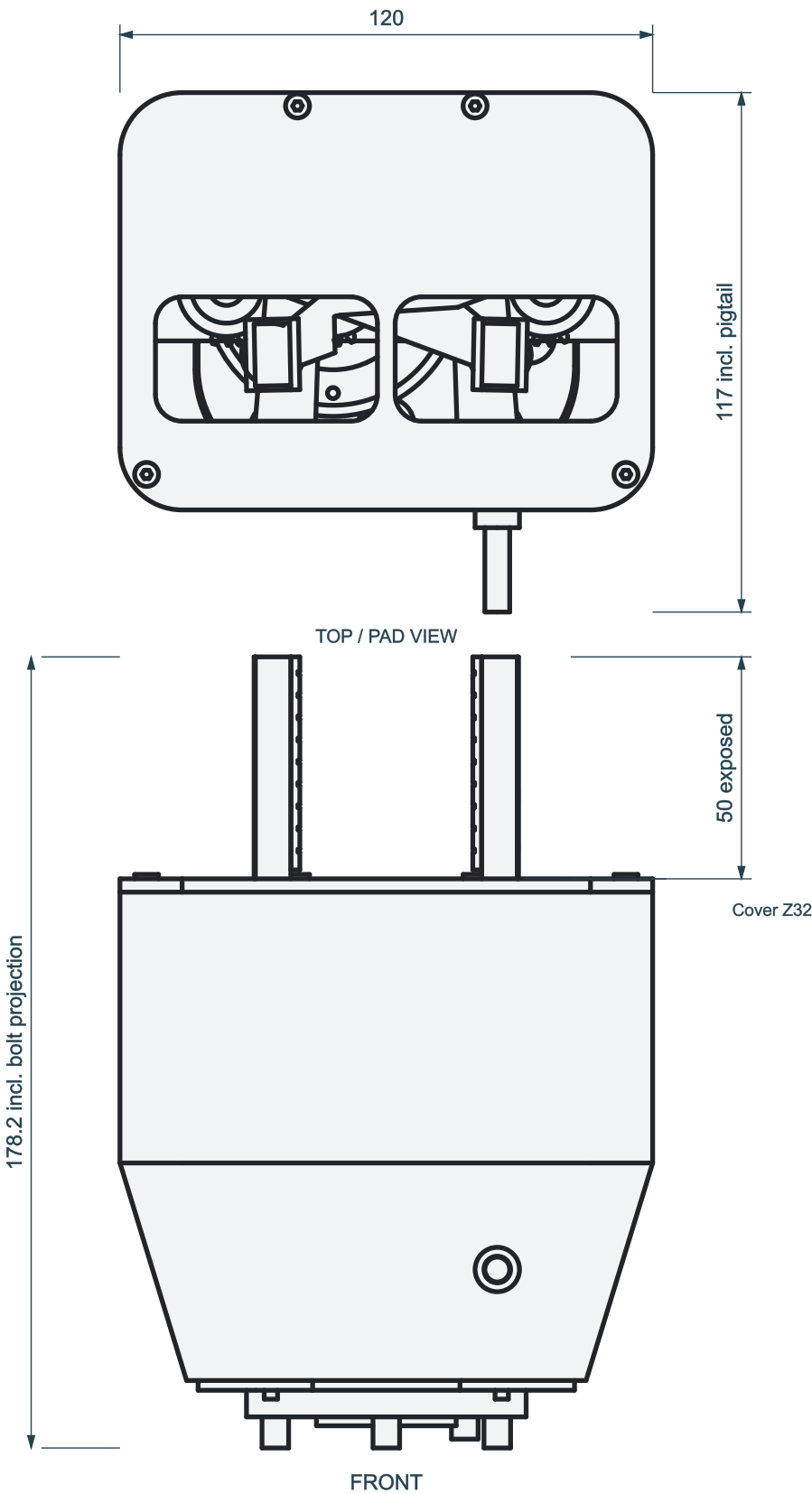


WG-060 | ROBOT WRIST GRIPPER

General arrangement | Actual native CAD projections | Review draft v1.3

Single rotary actuator / enclosed 4 x 24T gear train

Grasp: 20–60 mm / generated 4R retained
25 → 50 mm exposed finger reach / pads 23 → 48 mm



Male pilot: Ø31.48 × 2 (tool-side design)
Radial slot: 6.10 × 8.00 / robot-side Ø6 dowel
4 × M6 × 16 countersunk / 7 mm robot insertion
UR drawing → body frame: Rz(−45°)
ISOMETRIC

Grasp range 20-60 mm | 0.5 kg payload assumption | 25 N normal force per jaw | 97 BOM components
Mass estimate 1.032 kg / no robot reference model | Source joint geometry retained; web profiles and physical arrangement detailed
NOT FOR MANUFACTURE - fits, tolerances, fatigue, full assembly strength, controls and physical gripping remain to be verified.