

Inspection performed by Laura Rossi on 2025-04-29.

Below are the recorded measurements compared against nominal tolerances. Please review the inspection results for each component listed below. This data extract is prepared for quality-control sign-off. Use this results summary to trigger any corrective actions. Ensure measurement methods align with calibration standards. This report presents the dimensional measurements and inspection results.

Environmental Conditions: Temperature: 20.4 °C, Humidity: 58 %

| Item Code | Part Name | Measurement | Target | Observed | Diff | Status (V/X) |
|-----------|--------------------|----------------|--------|----------|-------|--------------|
| VR-940T | Rubber Gasket 80mm | Depth | 67.61 | 67.49 | -0.12 | OK |
| RM-860N | Rubber Gasket 80mm | Width | 37.83 | 38.02 | +0.19 | OK |
| GL-980S | Wooden Pallet | Thickness | 26.50 | 26.49 | -0.01 | OK |
| TX-820V | Hex Bolts M12 | Inner Diameter | 27.11 | 27.27 | +0.16 | OK |
| HF-390A | Wooden Pallet | Length | 46.31 | 46.28 | -0.03 | OK |
| DX-777T | Power Switch | Hole Ø | 60.84 | 60.83 | -0.01 | OK |
| SL-430M | Plastic Rivets | Thickness | 15.77 | 15.60 | -0.17 | OK |
| PL-601Z | Shaft 500mm | Hole Ø | 44.50 | 44.34 | -0.16 | OK |
| JD-700W | O-Ring NBR 60mm | Width | 93.34 | 93.43 | +0.09 | OK |
| DX-777T | Graphite Pad | Length | 34.89 | 34.85 | -0.04 | OK |
| VR-940T | Steel Sheet A36 | Height | 71.42 | 71.27 | -0.15 | OK |
| QN-770H | Wooden Pallet | Height | 43.33 | 43.25 | -0.08 | OK |
| ZR-205R | Hex Bolts M12 | Inner Diameter | 65.07 | 64.91 | -0.16 | OK |
| JD-700W | Plastic Rivets | Depth | 99.04 | 99.22 | +0.18 | OK |
| SL-430M | Hinge Set | Length | 7.18 | 7.26 | +0.08 | OK |
| KV-390K | Shaft 500mm | Inner Diameter | 63.07 | 63.01 | -0.06 | OK |
| TX-820V | Bearing 6202 ZZ | Width | 91.78 | 91.78 | +0.00 | OK |
| CE-905L | Battery Pack | Inner Diameter | 47.61 | 47.79 | +0.18 | OK |