

Component Dimensional Check

Supervisor	Peter Schmidt
Inspection Date	2024-12-21

This summary of measurements supports metrology traceability. This section details the measured values, tolerances, and status flags. Please review the inspection results for each component listed below.

Product Ref	VR-940T	RX-310Z	RM-860N	FT-730X	QP-660F	KP-320E	AZ-300T
Part Name	Hinge Set	Hinge Set	Rubber Gasket 80mm	Battery Pack	Wooden Pallet	Bearing 6202 ZZ	Graphite Pad
Dim.	Inner Diameter	Length	Depth	Thickness	Thickness	Width	Hole Ø
Target	88.02	57.62	83.41	74.24	63.14	63.46	60.43
Observed	87.96	57.67	83.55	74.20	63.06	63.34	60.55
Delta	-0.06	+0.05	+0.14	-0.04	-0.08	-0.12	+0.12
Pass/Fail	V	V	V	V	V	V	V

Cross-verify measurement data with CAD nominal values. Refer to deviation column for any out-of-tolerance measurements. Flag any components requiring re-machining or adjustment.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
CMM	61479	2024-10-17
Laser Scanner	53470	2025-04-06