

Dimensional Log

Technician	Peter Schmidt
Inspection Date	2024-07-01

All measured values are timestamped for audit purposes. Check that all dimensions comply with ISO and company standards. Refer to the dimensional log for all component size readings. This section details the measured values, tolerances, and status flags. Please review the inspection results for each component listed below. Review recorded tolerances against engineering specifications.

Product Ref	QP-660F	DX-777T	WD-180S	XK-610U	GH-770J	LP-555V	RX-310Z
Component	Hex Bolts M12	Bearing 6202 ZZ	Bearing 6202 ZZ	Battery Pack	Steel Sheet A36	Rubber Gasket 80mm	Shaft 500mm
Measurement	Length	Depth	Thickness	Length	Depth	Width	Width
Target	42.87	98.73	72.87	45.95	92.47	83.26	19.55
Actual	42.96	98.76	73.03	45.95	92.49	83.33	19.69
Delta	+0.09	+0.03	+0.16	+0.00	+0.02	+0.07	+0.14
Pass/Fail	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Confirm that pass rates meet the defined acceptance criteria. Ensure status flags are updated in the quality management system. Cross-verify measurement data with CAD nominal values. Flag any components requiring re-machining or adjustment.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Laser Scanner	26822	2025-02-04
Caliper	93423	2024-08-14
Caliper	49621	2024-12-31