

Component Dimensional Check

Inspector	Laura Rossi
Inspection Date	2023-08-07

Below are the recorded measurements compared against nominal tolerances. Please review the inspection results for each component listed below. Entries include both pass/fail markers and deviation magnitudes. Refer to the dimensional log for all component size readings.

Product Ref	RM-860N	VR-940T	PL-601Z	ZR-205R	KP-320E
Component	Hinge Set	Plastic Rivets	Steel Sheet A36	Rubber Gasket 80mm	Bearing 6202 ZZ
Measurement	Height	Thickness	Thickness	Length	Inner Diameter
Nominal	18.43	48.70	87.14	7.79	32.98
Observed	18.42	48.80	87.01	7.78	33.05
Delta	-0.01	+0.10	-0.13	-0.01	+0.07
Pass/Fail	OK	OK	OK	OK	OK

Cross-verify measurement data with CAD nominal values. Inspection notes have been logged for traceability. Review failed items against the corrective-action register.

Instrument Calibration Log:

Instrument	Serial No.	Last Calibration Date
Laser Scanner	33991	2025-04-07
Micrometer	85604	2025-04-26