

Inspection performed by Anna Nowak on 2024-11-18.

This data extract is prepared for quality-control sign-off. Refer to the dimensional log for all component size readings. Ensure measurement methods align with calibration standards. This summary of measurements supports metrology traceability. The inspection register below highlights any out-of-tolerance parts. This section details the measured values, tolerances, and status flags.

**Environmental Conditions:** Temperature: 22.0 °C, Humidity: 54 %

Item Code	Component	Dim.	Target	Actual	Delta	Status (V/X)
RX-310Z	Hex Bolts M12	Hole Ø	9.80	9.96	+0.16	V
PW-515Y	Shaft 500mm	Depth	23.64	23.63	-0.01	V
MR-160H	Steel Sheet A36	Depth	68.22	68.42	+0.20	V
WD-180S	Battery Pack	Hole Ø	84.13	84.30	+0.17	V
AL-115Q	Battery Pack	Width	10.21	10.03	-0.18	V
VR-940T	O-Ring NBR 60mm	Width	59.61	59.52	-0.09	V
FT-730X	O-Ring NBR 60mm	Depth	31.98	31.80	-0.18	V
GL-980S	Power Switch	Length	77.41	77.48	+0.07	V
NE-245A	Hinge Set	Height	40.49	40.38	-0.11	V
SL-430M	Graphite Pad	Height	23.35	23.29	-0.06	V
TL-900X	Bearing 6202 ZZ	Depth	16.79	16.74	-0.05	V
NE-245A	Shaft 500mm	Depth	11.91	11.94	+0.03	V
LP-555V	Plastic Rivets	Depth	85.43	85.45	+0.02	V
KV-390K	Steel Sheet A36	Width	27.71	27.76	+0.05	V