

# Dimensional Log

Inspection performed by Laura Rossi on 2024-09-07.

This report presents the dimensional measurements and inspection results. Refer to the dimensional log for all component size readings. This data extract is prepared for quality-control sign-off. The inspection register below highlights any out-of-tolerance parts. Use this results summary to trigger any corrective actions.

**Environmental Conditions:** Temperature: 22.9 °C, Humidity: 41 %

Item Code	Part Name	Measurement	Target	Observed	Diff	Status (V/X)
XK-610U	O-Ring NBR 60mm	Depth	73.76	73.81	+0.05	V
SL-430M	Battery Pack	Depth	35.74	35.83	+0.09	V
LK-890B	Power Switch	Depth	85.28	85.09	-0.19	V
AZ-300T	Bearing 6202 ZZ	Width	21.24	21.34	+0.10	V
AZ-300T	Bearing 6202 ZZ	Height	91.70	91.82	+0.12	V
AZ-300T	Bearing 6202 ZZ	Width	54.37	54.42	+0.05	V
NU-440Z	Hex Bolts M12	Length	6.79	6.74	-0.05	V
PW-515Y	Shaft 500mm	Height	88.58	88.44	-0.14	V
TX-820V	Plastic Rivets	Length	44.12	43.96	-0.16	V
KP-320E	Battery Pack	Width	72.27	72.32	+0.05	V
BZ-660F	Hex Bolts M12	Height	68.31	68.42	+0.11	V
CN-150C	Rubber Gasket 80mm	Width	37.50	37.63	+0.13	V
XD-710R	Graphite Pad	Height	5.83	5.99	+0.16	V
TX-820V	Wooden Pallet	Thickness	30.87	30.97	+0.10	V
NU-440Z	Plastic Rivets	Thickness	74.07	74.14	+0.07	V
WD-180S	O-Ring NBR 60mm	Height	90.86	90.76	-0.10	V
CN-150C	Bearing 6202 ZZ	Hole Ø	95.31	95.15	-0.16	V
WD-180S	Rubber Gasket 80mm	Inner Diameter	54.54	54.55	+0.01	V