

Dimensional Log

Inspection performed by Anna Nowak on 2024-03-11.

Below are the recorded measurements compared against nominal tolerances. This report presents the dimensional measurements and inspection results. All measured values are timestamped for audit purposes. Ensure measurement methods align with calibration standards. The following data captures key dimensions and any deviations identified. Use this results summary to trigger any corrective actions.

Environmental Conditions: Temperature: 22.4 °C, Humidity: 37 %

Article No.	Component	Dim.	Nominal	Observed	Diff	Status (V/X)
LK-890B	Hex Bolts M12	Depth	16.46	16.32	-0.14	OK
NU-440Z	Shaft 500mm	Inner Diameter	70.80	70.86	+0.06	OK
TL-900X	Battery Pack	Length	79.64	79.55	-0.09	OK
CE-905L	Bearing 6202 ZZ	Depth	10.31	10.30	-0.01	OK
MS-600P	Shaft 500mm	Depth	29.90	29.76	-0.14	OK
PW-515Y	Shaft 500mm	Length	67.96	67.93	-0.03	OK
HF-390A	Hinge Set	Thickness	32.68	32.85	+0.17	OK
CN-150C	Battery Pack	Inner Diameter	79.95	79.99	+0.04	OK
MX-450L	Plastic Rivets	Thickness	68.50	68.39	-0.11	OK
MX-450L	Plastic Rivets	Inner Diameter	42.14	42.12	-0.02	OK
NE-245A	Plastic Rivets	Height	97.06	97.16	+0.10	OK
MX-450L	Graphite Pad	Hole Ø	67.33	67.44	+0.11	OK
LK-890B	Shaft 500mm	Thickness	83.09	83.02	-0.07	OK
TL-900X	Hex Bolts M12	Length	99.12	99.15	+0.03	OK
LP-555V	Rubber Gasket 80mm	Inner Diameter	40.75	40.76	+0.01	OK
PW-515Y	Graphite Pad	Width	43.95	43.80	-0.15	OK