

Component Dimensional Check

Inspection performed by Anna Nowak on 2023-10-29.

The inspection register below highlights any out-of-tolerance parts. Review recorded tolerances against engineering specifications. Use this examination summary to confirm component conformity. The following data captures key dimensions and any deviations identified. Entries include both pass/fail markers and deviation magnitudes. This section details the measured values, tolerances, and status flags.

Environmental Conditions: Temperature: 21.6 °C, Humidity: 54 %

Article No.	Part Name	Measurement	Nominal	Observed	Diff	Status (V/X)
AL-115Q	Wooden Pallet	Hole Ø	85.86	85.76	-0.10	OK
MR-160H	Steel Sheet A36	Thickness	17.58	17.39	-0.19	OK
SB-140D	Wooden Pallet	Height	5.43	5.51	+0.08	OK
AL-115Q	Hinge Set	Height	67.77	67.80	+0.03	OK
HF-390A	Shaft 500mm	Depth	69.09	69.10	+0.01	OK
AL-115Q	Hinge Set	Width	40.08	40.10	+0.02	OK
SB-140D	Power Switch	Inner Diameter	54.36	54.24	-0.12	OK
NU-440Z	Steel Sheet A36	Thickness	54.19	54.38	+0.19	OK
NU-440Z	Bearing 6202 ZZ	Height	74.24	74.43	+0.19	OK
XK-610U	Hinge Set	Inner Diameter	89.64	89.45	-0.19	OK
JD-700W	Hinge Set	Hole Ø	67.67	67.62	-0.05	OK
MX-450L	Battery Pack	Length	17.95	18.00	+0.05	OK
TX-820V	Plastic Rivets	Inner Diameter	97.25	97.27	+0.02	OK
PW-515Y	Plastic Rivets	Hole Ø	32.04	31.86	-0.18	OK
SL-430M	Rubber Gasket 80mm	Length	48.15	48.16	+0.01	OK
VR-940T	Hinge Set	Hole Ø	43.35	43.38	+0.03	OK
TR-200B	Battery Pack	Width	20.67	20.67	+0.00	OK