

# Component Dimensional Check

Inspection performed by Carlos Garcia on 2024-06-03.

Review recorded tolerances against engineering specifications. Below are the recorded measurements compared against nominal tolerances. Use this results summary to trigger any corrective actions. Refer to the dimensional log for all component size readings.

**Environmental Conditions:** Temperature: 23.5 °C, Humidity: 53 %

Item Code	Component	Measurement	Nominal	Actual	Delta	Status (V/X)
PL-601Z	Plastic Rivets	Length	92.49	92.66	+0.17	V
XD-710R	Graphite Pad	Depth	22.56	22.36	-0.20	V
JD-700W	Steel Sheet A36	Thickness	15.57	15.62	+0.05	V
RM-860N	Steel Sheet A36	Height	47.85	47.73	-0.12	V
XD-710R	Hinge Set	Width	10.57	10.71	+0.14	V
KV-390K	Steel Sheet A36	Height	30.34	30.42	+0.08	V
SB-140D	Wooden Pallet	Length	23.52	23.38	-0.14	V
PW-515Y	Shaft 500mm	Thickness	30.74	30.91	+0.17	V
DX-777T	Rubber Gasket 80mm	Hole Ø	15.10	14.98	-0.12	V
AZ-300T	Shaft 500mm	Hole Ø	35.05	35.01	-0.04	V
SB-140D	Hinge Set	Inner Diameter	28.01	28.06	+0.05	V
NE-245A	Hinge Set	Hole Ø	71.78	71.86	+0.08	V
PW-515Y	Battery Pack	Height	67.00	67.02	+0.02	V
CN-150C	Power Switch	Hole Ø	57.30	57.48	+0.18	V
ZR-205R	Bearing 6202 ZZ	Height	20.79	20.60	-0.19	V
NE-245A	Battery Pack	Depth	48.10	48.26	+0.16	V