

# Component Dimensional Check

Inspection performed by Anna Nowak on 2024-06-04.

This report presents the dimensional measurements and inspection results. Below are the recorded measurements compared against nominal tolerances. Please review the inspection results for each component listed below. This data extract is prepared for quality-control sign-off. Review recorded tolerances against engineering specifications.

**Environmental Conditions:** Temperature: 23.4 °C, Humidity: 38 %

Item Code	Component	Measurement	Target	Actual	Delta	Status (V/X)
GL-980S	Steel Sheet A36	Inner Diameter	7.51	7.52	+0.01	V
TY-350G	Power Switch	Height	86.19	86.33	+0.14	V
RX-310Z	Hinge Set	Length	93.17	93.06	-0.11	V
MS-600P	Hex Bolts M12	Height	19.52	19.43	-0.09	V
QN-770H	Graphite Pad	Inner Diameter	51.81	51.80	-0.01	V
WD-180S	Graphite Pad	Width	98.97	99.04	+0.07	V
AL-115Q	Bearing 6202 ZZ	Length	68.83	68.79	-0.04	V
DX-777T	Power Switch	Depth	61.43	61.40	-0.03	V
KV-390K	Plastic Rivets	Thickness	84.33	84.42	+0.09	V
RM-860N	Steel Sheet A36	Width	47.04	46.94	-0.10	V
KP-320E	Rubber Gasket 80mm	Width	98.89	99.08	+0.19	V
GH-770J	Plastic Rivets	Width	77.52	77.34	-0.18	V
RX-310Z	Bearing 6202 ZZ	Thickness	22.67	22.84	+0.17	V