

Tolerance Check

Inspection performed by Jan Kowalski on 2024-07-03.

Use this examination summary to confirm component conformity. Ensure measurement methods align with calibration standards. Review recorded tolerances against engineering specifications. The following data captures key dimensions and any deviations identified. Entries include both pass/fail markers and deviation magnitudes.

Environmental Conditions: Temperature: 23.9 °C, Humidity: 42 %

Product Ref	Part Name	Measurement	Nominal	Observed	Diff	Status (V/X)
RX-310Z	Hinge Set	Thickness	51.63	51.68	+0.05	OK
KP-320E	Hinge Set	Hole Ø	61.94	61.83	-0.11	OK
VF-220D	O-Ring NBR 60mm	Height	8.94	8.89	-0.05	OK
VR-940T	Bearing 6202 ZZ	Length	23.91	23.84	-0.07	OK
AZ-300T	Shaft 500mm	Height	47.59	47.64	+0.05	OK
SB-140D	Power Switch	Hole Ø	50.29	50.32	+0.03	OK
KP-320E	Graphite Pad	Depth	15.52	15.70	+0.18	OK
MS-600P	Steel Sheet A36	Width	69.33	69.36	+0.03	OK
RE-850C	Bearing 6202 ZZ	Width	59.07	58.90	-0.17	OK
ZR-205R	O-Ring NBR 60mm	Length	21.26	21.31	+0.05	OK
ZR-205R	Shaft 500mm	Width	7.68	7.70	+0.02	OK
MR-160H	Bearing 6202 ZZ	Thickness	66.52	66.36	-0.16	OK
MR-160H	Steel Sheet A36	Thickness	95.91	95.96	+0.05	OK
AL-115Q	Plastic Rivets	Inner Diameter	73.98	73.94	-0.04	OK
GH-770J	Hinge Set	Depth	90.81	90.84	+0.03	OK