

Inspection performed by Carlos Garcia on 2024-04-21.

Below are the recorded measurements compared against nominal tolerances. Refer to the dimensional log for all component size readings. Check that all dimensions comply with ISO and company standards. This section details the measured values, tolerances, and status flags. The following data captures key dimensions and any deviations identified.

**Environmental Conditions:** Temperature: 20.2 °C, Humidity: 43 %

Item Code	Part Name	Measurement	Nominal	Observed	Delta	Status (V/X)
MR-160H	Hex Bolts M12	Thickness	29.09	29.14	+0.05	OK
JD-700W	Shaft 500mm	Thickness	41.21	41.14	-0.07	OK
NE-245A	Hex Bolts M12	Depth	62.56	62.47	-0.09	OK
CE-905L	Graphite Pad	Hole Ø	68.90	68.76	-0.14	OK
LP-555V	Shaft 500mm	Thickness	35.55	35.51	-0.04	OK
AZ-300T	O-Ring NBR 60mm	Length	67.31	67.17	-0.14	OK
XD-710R	Hinge Set	Width	21.51	21.32	-0.19	OK
LK-890B	Wooden Pallet	Inner Diameter	48.83	49.01	+0.18	OK
AL-115Q	Power Switch	Length	99.34	99.37	+0.03	OK
GL-980S	Battery Pack	Depth	15.80	15.94	+0.14	OK
RM-860N	Hex Bolts M12	Depth	94.86	94.80	-0.06	OK
GH-770J	O-Ring NBR 60mm	Length	34.80	34.75	-0.05	OK
TY-350G	Graphite Pad	Height	83.45	83.55	+0.10	OK