

Tolerance Check

Inspection performed by Carlos Garcia on 2025-03-26.

Ensure measurement methods align with calibration standards. The following data captures key dimensions and any deviations identified. Refer to the dimensional log for all component size readings. This data extract is prepared for quality-control sign-off. Review recorded tolerances against engineering specifications. This report presents the dimensional measurements and inspection results.

Environmental Conditions: Temperature: 23.5 °C, Humidity: 32 %

Article No.	Component	Measurement	Target	Observed	Delta	Status (V/X)
HF-390A	Power Switch	Thickness	86.52	86.59	+0.07	PASS
XD-710R	Bearing 6202 ZZ	Thickness	34.21	34.27	+0.06	PASS
MS-600P	Rubber Gasket 80mm	Hole Ø	68.54	68.35	-0.19	PASS
DX-777T	Bearing 6202 ZZ	Length	86.84	86.95	+0.11	PASS
MR-160H	Steel Sheet A36	Depth	12.26	12.22	-0.04	PASS
CE-905L	Rubber Gasket 80mm	Thickness	24.74	24.57	-0.17	PASS
MC-540X	Hinge Set	Thickness	11.03	11.17	+0.14	PASS
NE-245A	Power Switch	Length	87.41	87.49	+0.08	PASS
CE-905L	Hinge Set	Height	76.55	76.44	-0.11	PASS
MX-450L	Shaft 500mm	Width	48.15	48.07	-0.08	PASS