

Tolerance Check

Inspection performed by Laura Rossi on 2023-09-01.

This section details the measured values, tolerances, and status flags. The following data captures key dimensions and any deviations identified. Ensure measurement methods align with calibration standards. Check that all dimensions comply with ISO and company standards. This data extract is prepared for quality-control sign-off.

Environmental Conditions: Temperature: 22.8 °C, Humidity: 52 %

Article No.	Component	Measurement	Nominal	Actual	Diff	Status (V/X)
RM-860N	Bearing 6202 ZZ	Inner Diameter	68.26	68.31	+0.05	OK
VF-220D	Battery Pack	Width	83.70	83.53	-0.17	OK
NU-440Z	Hex Bolts M12	Hole Ø	13.10	13.05	-0.05	OK
BZ-660F	O-Ring NBR 60mm	Length	88.31	88.35	+0.04	OK
WD-180S	Battery Pack	Thickness	76.57	76.40	-0.17	OK
NU-440Z	Steel Sheet A36	Inner Diameter	13.25	13.42	+0.17	OK
KV-390K	Battery Pack	Inner Diameter	35.42	35.29	-0.13	OK
PL-601Z	Battery Pack	Inner Diameter	48.65	48.62	-0.03	OK
FT-730X	Steel Sheet A36	Length	10.99	10.84	-0.15	OK
XK-610U	Battery Pack	Inner Diameter	42.96	42.83	-0.13	OK
VR-940T	Shaft 500mm	Height	49.39	49.51	+0.12	OK
SL-430M	Bearing 6202 ZZ	Depth	71.52	71.48	-0.04	OK
PW-515Y	Steel Sheet A36	Inner Diameter	71.47	71.34	-0.13	OK
AL-115Q	Graphite Pad	Depth	54.47	54.60	+0.13	OK
SB-140D	Rubber Gasket 80mm	Depth	46.74	46.70	-0.04	OK