

Product Overview

Project:	NU-440Z
Report No.:	9498221
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Approved By:	Jan Kowalski

Location: Plant 3A | Date: 2025-01-28

The following information outlines performance characteristics and design data. Below are the technical parameters and construction materials for the unit. This data sheet provides key specifications and material details. This section details the configuration and parameter set for the product.

Unit Type	Cooling Circulation System	Design Pressure	210 bar
Fluid Flow	48 L/min	Supply Voltage	480 V / 60 Hz
Charging Time	2 h	Reservoir Capacity	120 L
Filtration	10 µm return, 25 µm suction	Oil Type	HLP 46
Battery Capacity	2 Ah	Control Valve	Directional 4/3
Working Temp. Range	5°C to 45°C	Cooling	Air-cooled oil radiator
Frame Material	Aluminum Frame	Service Interval	1000 h
Noise Level	≤ 68 dB(A)	Dimensions (LxWxH)	1000 x 650 x 1000 mm
Motor Power	7.5 kW	Mounting	Skid base with vibration pads
Protection Class	IP54		

Document control numbers are included for traceability. Ensure glossary terms match the engineering nomenclature. All specifications meet the design requirements and industry standards. Check that all section headers follow the product template. Confirm that all test conditions are accurately represented. All summary comments have been recorded in the revision log. This closure note indicates the data sheet is ready for release.

Material of Construction:

Label	Base
Cooling Gel Pack	Silicone Rubber
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Wooden Pallet	Treated Pine Wood