

Product Overview

Project:	SB-140D
Internal No.:	PR-628
Prepared By:	Laura Rossi
Approved By:	Anna Nowak

Location: Plant 3A | Date: 2024-08-16

The parameter register below includes operating limits and ratings. Ensure all referenced standards are up to date. Refer to this configuration summary for unit-designation mapping. Please review the specifications and material composition listed below. Below are the technical parameters and construction materials for the unit. The following information outlines performance characteristics and design data.

Unit Type	Cooling Circulation System	Design Pressure	300 bar
Throughput	30 L/min	Operating Voltage	400 V / 50 Hz
Control Valve	Proportional 4/2	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Pump Type	Gear Pump	Charging Time	2 h
Total Weight	250 kg	Service Interval	12 months
Battery Capacity	10 Ah	Mounting	Rack frame
Noise Level	≤ 72 dB(A)	Oil Type	HLP 68
Frame Material	Powder-coated Steel	Filtration	5 µm inline, 10 µm return
Protection Class	IP67	Cooling	Air-cooled oil radiator
Motor Power	5.5 kW	Working Temp. Range	10°C to 55°C
Reservoir Capacity	80 L		

All specifications meet the design requirements and industry standards. Check that all section headers follow the product template. Data sheet has been peer-reviewed by the engineering team. Ensure glossary terms match the engineering nomenclature. This summary reflects the latest revision of the product data.

Material of Construction:

Label	Raw Material
Cooling Gel Pack	Silicone Rubber
Wiring Loom 1m	PVC (Rigid)
Hinge Set	Stainless Steel 304
Battery Pack	Lithium-Ion Cell Pack
Teflon Tape Roll	Teflon Tape Roll
Capacitor 450V	Aluminum 6061-T6
Steel Sheet A36	Carbon Steel A36