

## Product Overview

Project:	MR-160H
Report No.:	2098033
Prepared By:	Jan Kowalski
Approved By:	Carlos Garcia

Location: Plant 3A | Date: 2023-08-11

Unit Type	Cooling Circulation System	Operating Pressure	210 bar
Flow Rate	30 L/min	Supply Voltage	400 V / 50 Hz
Charging Time	6 h	Total Weight	230 kg
Frame Material	Powder-coated Steel	Protection Class	IP65
Battery Capacity	5 Ah	Mounting	Skid base with vibration pads
Noise Level	≤ 72 dB(A)	Cooling	Air-cooled oil radiator
Motor Power	11 kW	Working Temp. Range	5°C to 45°C
Oil Type	HLP 46	Control Valve	Manual Override 3/2
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Pump Type	Gear Pump
Service Interval	12 months	Filtration	10 µm return, 25 µm suction
Reservoir Capacity	160 L		

Refer to parameter table for operating ranges and tolerances. Overall configuration is within defined design and safety margins. This closure note indicates the data sheet is ready for release. Archive this summary for future design-change management. Use this summary to cross-check with BOM and inspection reports. All summary comments have been recorded in the revision log.

Material of Construction:

Label	Composition
Digital Display Unit	ABS Plastic
Pressure Valve	Brass CZ121
Bearing 6202 ZZ	Stainless Steel 304
Battery Pack	Lithium-Ion Cell Pack
Power Switch	Polycarbonate + Copper
Cooling Gel Pack	Silicone Rubber
Hinge Set	Stainless Steel 304
Teflon Tape Roll	Teflon Tape Roll
LED Light Strip	Glass-Filled Nylon
Heat Sink ALU	Aluminum 6061-T6
Rubber Gasket 80mm	Nitrile Rubber (NBR)