

Product Overview

Refer to this configuration summary for unit-designation mapping. Ensure all referenced standards are up to date. This technical overview supports the product-release checklist. The following information outlines performance characteristics and design data. All data entries are traceable to design revision history. Check that all material specs align with supplier certifications. Use this spec sheet to validate assembly instructions.

Product ID:	MR-160H
Internal No.:	PR-951

Prepared by: Peter Schmidt | Approved by: Peter Schmidt | Date: 2024-07-22

Configuration Type	Hydraulic Power Unit	Operating Pressure	180 bar
Fluid Flow	60 L/min	Operating Voltage	480 V / 60 Hz
Noise Level	≤ 72 dB(A)	Reservoir Capacity	80 L
Pump Type	Gear Pump	Mounting	Skid base with vibration pads
Protection Class	IP65		

All specifications meet the design requirements and industry standards. Flag any missing parameters for urgent specification updates. Use this summary to cross-check with BOM and inspection reports. All summary comments have been recorded in the revision log. Overall configuration is within defined design and safety margins. This summary reflects the latest revision of the product data.

Material of Construction:

Subcomponent	Raw Material
Thermal Fuse	Ceramic Oxide
Cooling Gel Pack	Silicone Rubber
LED Light Strip	Glass-Filled Nylon
Capacitor 450V	Aluminum 6061-T6