

Product Data Sheet

This report extract is prepared for design-verification audits. This data sheet provides key specifications and material details. Below are the technical parameters and construction materials for the unit. Confirm that performance ranges comply with project requirements. Please review the specifications and material composition listed below.

Product ID:	MR-160H
Report No.:	PR-946

Prepared by: Jan Kowalski | Approved by: Jan Kowalski | Date: 2024-09-04

Configuration Type	Hydraulic Power Unit	Rated Pressure	300 bar
Throughput	30 L/min	Operating Voltage	480 V / 60 Hz
Noise Level	≤ 72 dB(A)	Control Valve	Proportional 4/2
Working Temp. Range	-10°C to 50°C	Frame Material	Aluminum Frame

Document control numbers are included for traceability. All specifications meet the design requirements and industry standards. All summary comments have been recorded in the revision log. This summary reflects the latest revision of the product data. Data sheet has been peer-reviewed by the engineering team.

Material of Construction:

Item	Composition
Graphite Pad	Graphite Pad
Steel Sheet A36	Carbon Steel A36
Hex Bolts M12	Zinc-Plated Steel
Thermal Fuse	Ceramic Oxide
Cable Tie Pack (100)	Nitrile Rubber (NBR)
LED Light Strip	Glass-Filled Nylon
Fuse 5A	Ceramic Oxide
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Cooling Gel Pack	Silicone Rubber
Pressure Valve	Brass CZ121
Gasket Sheet A4	Nitrile Rubber (NBR)