

Component Overview

Project:	XK-610U
Report No.:	9530959
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Location: Plant 3A | Date: 2024-10-07

Use this sheet to confirm engineering requirements and tolerances. Please review the specifications and material composition listed below. The following information outlines performance characteristics and design data. This report extract is prepared for design-verification audits. This data sheet provides key specifications and material details.

Configuration Type	Pneumatic Control Unit	Rated Pressure	250 bar
Fluid Flow	30 L/min	Voltage	400 V / 50 Hz
Charging Time	6 h	Mounting	Wall-mounted
Battery Capacity	5 Ah	Pump Type	Piston Pump
Cooling	Water-cooled exchanger	Working Temp. Range	5°C to 45°C
Oil Type	HLP 32	Service Interval	500 h
Protection Class	IP67	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Control Valve	Manual Override 3/2	Total Weight	180 kg
Frame Material	Aluminum Frame	Motor Power	7.5 kW

Material of Construction:

Subcomponent	Base
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Capacitor 450V	Aluminum 6061-T6
Battery Pack	Lithium-Ion Cell Pack
Fuse 5A	Ceramic Oxide
Bearing 6202 ZZ	Stainless Steel 304
Cooling Gel Pack	Silicone Rubber
Pressure Valve	Brass CZ121
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Hex Bolts M12	Zinc-Plated Steel