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| Project: | MS-600P |
| Report No.: | PR-753 |
| Prepared By: | Peter Schmidt |
| Approved By: | Peter Schmidt |

Location: Plant 1C | Date: 2024-07-31

Use this sheet to confirm engineering requirements and tolerances. This technical overview supports the product-release checklist. This section details the configuration and parameter set for the product. Use this spec sheet to validate assembly instructions. Check that all material specs align with supplier certifications.

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| Configuration Type | Pneumatic Control Unit | Rated Pressure | 180 bar |
| Throughput | 75 L/min | Operating Voltage | 400 V / 50 Hz |
| Service Interval | 1000 h | Oil Type | HLP 32 |
| Filtration | 5 µm inline, 10 µm return | Charging Time | 4 h |
| Working Temp. Range | -10°C to 50°C | Total Weight | 180 kg |
| Reservoir Capacity | 80 L | Pump Type | Piston Pump |
| Frame Material | Powder-coated Steel | Motor Power | 7.5 kW |
| Noise Level | ≤ 72 dB(A) | Dimensions (LxWxH) | 1200 x 700 x 1100 mm |
| Protection Class | IP54 | Mounting | Wall-mounted |
| Control Valve | Proportional 4/2 | | |

Material of Construction:

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| Item | Raw Material |
| Pressure Valve | Brass CZ121 |
| Digital Display Unit | ABS Plastic |
| Nut M6 | Zinc-Plated Steel |
| Connector 2P | Glass-Filled Nylon |