

No.	Qty.	Object	Unit price	Amount
		<p>Submersible motor pump</p> <p>Single-stage close-coupled pump unit mixed-flow impeller for wet-well installation in vertical discharge tubes.</p> <p>Drive: dry-rotor surface-cooled three-phase asynchronous squirrel-cage motor.</p> <p>Enclosure IP 68 to IEC 60034, thermal class H.</p> <p>The pump sets are equipped with various sensors.</p> <ul style="list-style-type: none"> - Thermal motor protection by PTC resistors integrated in the winding - Temperature monitoring at the lower bearing by PT 100 temperature sensor - Leakage monitoring of the mechanical seal system by integrated float switch - Leakage sensors in the motor and connection space to protect against penetrating moisture <p>Option:</p> <ul style="list-style-type: none"> - Temperature monitoring at the upper bearing by PT 100 temperature sensor yes/no^{*)} - Vibration sensor in the area of the upper bearing yes/no^{*)} <p>10 m power and control cable, absolutely watertight cable entry, cores embedded in cast resin, soldered strands as additional protection against moisture penetrating due to capillary action.</p> <p>Self-sealing and self-centering unit for installation in vertical discharge tube. Installation and removal possible even when discharge tube is flooded.</p> <p>Technical data:</p> <p>Type series: Amacan S</p> <p>Pump size:</p> <p>Motor version: UA/UT^{*)}</p> <p>Medium handled: (Liquids not chemically and mechanically aggressive to the pump materials)</p> <p>Rated flow: l/s</p> <p>Rated head: m</p> <p>Operating range: from l/s to l/s</p> <p>NPSH pump/available: m</p> <p>Product temperature: Max. 30 °C</p> <p>Rated speed: 1/min</p> <p>Rated power input: kW</p> <p>Motor rating: kW</p> <p>Operating voltage: V</p> <p>Frequency: Hz</p> <p>Rated current: A</p> <p>Starting method:</p> <ul style="list-style-type: none"> - Motor version UA: d.o.l./soft start/transformer start/frequency inverter^{*)} - Motor version UT: d.o.l./star-delta/soft start/transformer start/frequency inverter^{*)} 		

^{*)} Delete as applicable

No.	Qty.	Object	Unit price	Amount
		<p>2–page product description: Reference No 1579.0213/...</p> <p>Dimension table: Reference No 1589.5/...</p> <p>General arrangement drawing: Reference No 1589.5/...</p> <p>Min. submergence required: mm</p> <p>Discharge tube diameter required: mm</p> <p>Screen bar distance required: mm</p> <p>Materials</p> <p>Pump casing: JL 1430</p> <p>Motor housing: JL 1040</p> <p>Impeller (Propeller) 1.4517</p> <p>Shaft: 1.4021/1.4057*)</p> <p>Shaft seal:</p> <ul style="list-style-type: none"> - pump side: - Silicon carbide/silicon carbide - motor side: - Carbon/silicon carbide <p>Coating</p> <p>Zinc dust primer and 2–component HS paint 100 µm/250 µm*)</p> <p>Operating data is guaranteed to ISO 9906/A.</p> <p>Weight: kg</p> <p>Unit</p> <p>as described above, for installation in open/covered intake chamber*), delivery and installation¹⁾</p> <p>Discharge tube</p> <p>Welded steel, B/C/D design*), de–rusted to bright metal, with 2–component epoxy resin protective coating.</p> <p>Diameter D: mm</p> <p>Total length: mm</p> <ul style="list-style-type: none"> - Length below floor: mm - Length above floor: mm <p>Qty. of flanged subassemblies: pcs.</p> <p>Discharge nozzle DN: mm</p> <p>Weight: kg</p> <p>Delivery and installation¹⁾</p> <p>Cover for discharge tube</p> <p>Pressure–proof, one–piece design with welding sleeve/ welding sleeve, threaded bush and anti–kink bush*) for power and control cable.</p> <p>Same protective coating as discharge tube.</p> <p>Weight: kg</p> <p>Delivery and installation¹⁾</p>		

*) Delete as applicable

1) Installation structure or place of installation easily accessible to assembly crane

