



BORNEMANN E2L 600 OIL PUMP

BORNEMANN E2L 600 oil pump is a high-capacity, industrial-grade rotary lobe pump engineered to deliver reliable performance in tough process environments. With a flow capacity tailored to meet high-volume oil transfer needs, this pump excels in lubrication circuits, fuel delivery systems, hydraulic reservoirs, and bulk oil handling. Its positive-displacement mechanism ensures consistent, pulsation-free flow, making it ideal for precision oil metering and system stability under varying load conditions.

Constructed with welded or cast stainless steel lobes and a robust housing, the E2L 600 offers exceptional resistance to wear, corrosion, and thermal stress. The pump's internal clearances are precision-machined to maintain tight tolerances, ensuring high volumetric efficiency and low internal leakage. This meticulous engineering minimizes cavitation risk, maintains efficiency under fluctuating supply pressures, and ensures smooth operation even with high-viscosity oils. The balanced design reduces vibration and noise, promoting long service life within demanding environments.

Installation and maintenance are simplified through the E2L 600's modular construction. The pump supports flexible flange or threaded connections, allowing integration into existing piping arrangements with minimal modification. Serviceable components such as mechanical seals, bearings, and lobes are accessible via removable covers—enabling rapid inspection and replacement without full dismantling. This approach helps reduce downtime, maintenance costs, and simplifies field servicing.

Built to Bornemann's exacting quality standards, the E2L 600 oil pump offers dependable, long-lasting performance for critical fluid-handling applications. Its combination of large flow capability, precision-engineered components, and ease of service makes it a smart investment for plant managers, maintenance personnel, and process engineers. Whether used for high-pressure lubrication, fuel transfer, or hydraulic oil circulation, the E2L 600 delivers the reliability and efficiency needed in industrial, marine, and energy-sector operations.

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