


Allweiler SNS660 ER46U12.1-W1 Triple screw pump


Allweiler SNS660 ER46 U12.1-W1 triple screw pump is a precision-engineered, high-efficiency fluid transfer solution designed for demanding industrial and marine applications. Featuring a central drive screw flanked by two synchronized idler screws in ER46 geometry, this pump ensures smooth, pulsation-free flow with excellent volumetric efficiency. Built in the U12.1 series housing and W1 configuration, the SNS660 delivers stable performance when handling lubricating oils, hydraulic fluids, light fuel oils, and other clean, low- to mid-viscosity liquids under varied operational pressures and temperatures.

Crafted from premium alloy materials, the SNS660 ER46 U12.1-W1 boasts tight internal clearances and precision-machined components to minimize leakage and enhance energy efficiency. Its balanced screw mechanism provides self-priming capability and reduces radial loading on bearings, resulting in quiet, vibration-resistant operation. These attributes make it ideal for marine propulsion lubrication loops, power generation oil circuits, industrial hydraulic systems, and production-line lubrication networks. The pump's compact footprint and efficient performance support integration into both new equipment and retrofit scenarios.

Designed with maintainability in mind, the SNS660 includes features such as removable internal strainers and accessible modular internals for easy inspection, cleaning, and service. Replaceable seals, bearings, and screws are readily available, ensuring minimal downtime and reduced lifecycle costs. The pump's reliability and serviceability are backed by thorough testing protocols that replicate real-world operating conditions, guaranteeing leak-tight performance and mechanical integrity over extended use.

In summary, the Allweiler SNS660 ER46 U12.1-W1 triple screw pump combines robust engineering, refined volumetric efficiency, and user-friendly maintainability in a compact package. Its smooth, dependable flow and low-noise operation make it a versatile and dependable choice for critical fluid handling in sectors ranging from maritime and power generation to industrial process industries. Whether for new installations or infrastructure upgrades, the SNS660 offers operational reliability, energy-efficient performance, and economic value throughout its service life.

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