



ALLWEILER SNH 280 R 46 U4-W2 OIL PUMP

CAPACITY- 648 l/min HEAD- 40 bar


The **ALLWEILER SNH 280 R 46 U4-W2 oil pump** is a high-performance, heavy-duty positive-displacement pump engineered for demanding industrial, marine, and hydraulic systems. Boasting an impressive flow capacity of 648 L/min and a maximum discharge head of 40 bar, this pump is tailored for high-volume oil circulation in large-scale lubrication loops, hydraulic power units, fuel supply systems, and transfer operations in sectors like manufacturing, offshore, power generation, and oil & gas.


Built with precision-engineered rotors or gears, the SNH 280 R 46 U4-W2 achieves exceptional volumetric efficiency and maintains consistent, pulse-free flow. Constructed from premium alloy steel components and corrosion-resistant cast housings, it withstands high pressures and mechanical stress. The pump's internal geometry is factory-balanced to minimize vibration and noise, while durable seals and bearings sustain performance under continuous operation. With a 40 bar head capability, the SNH meets the most demanding pressure requirements with reliability and resilience.

The robust yet compact modular design of the SNH 280 R 46 U4-W2 simplifies installation and system integration. Standard flange and shaft sizes suit versatile coupling options—electric motor, diesel engine, or hydraulic drive. Maintenance is streamlined through accessible access points; mechanical seals, rotors, and bearings can be serviced or swapped out without dismantling the entire assembly. This design enables shorter downtime, reduced labor, and lower lifecycle costs.

Engineers and maintenance professionals can trust the ALLWEILER SNH 280 series for its precision build, high throughput, and 40-bar capacity. Whether deployed for bulk oil transfer, centralized lubrication, or hydraulic pressure staging, the SNH 280 R 46 U4-W2 delivers unmatched flow, durability, and serviceability—making it a critical asset in mission-critical fluid-handling applications.

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