

EDH Compact Directional Valves from Bosch Rexroth enhance efficiency and performance in mobile working machines



CUSTOMER BENEFITS

- Modular design that seamlessly integrates with the Bosch Rexroth compact directional valve range.
- Compatibility with the new generation of pre-compensated EDG valves
- Allows for the creation of customized, tailor-made solutions.
- Compactness and power density, offering the highest levels of flexibility and adaptability for controlling various machine functions.

TECHNICAL DATA

- Max. flow per slice: 100 l/min @ 8 bar
- Max. pressure: 350 bar
- Each EDH section can be equipped with auxiliary valves on board like LS relief (VMGLS), anti-shock and anti cavitation on both ports A and B

APPLICATIONS

A wide range of applications such as drilling machines and cranes, construction equipment, mobile elevating work platforms, self-propelled or trailed agricultural machinery as well as municipal vehicles like garbage trucks and sweepers.

INNOVATIVE EDH VALVE ENHANCES EFFICIENCY AND PERFORMANCE IN MOBILE WORKING MACHINES

Bosch Rexroth offers the EDH Compact Directional Valve, a compact and powerful solution with high flow capacity.

With a powerful flow capacity of up to 100 l/min, the Compact Directional Valve offers enhanced functionality and performance for a wide range of applications such as drilling machines and cranes, construction equipment, mobile elevating work platforms, self-propelled or trailed agricultural machinery as well as municipal vehicles like garbage trucks and sweepers.

Modularity for optimized solutions

The EDH features a modular design that seamlessly integrates with the Compact Directional Valves of Bosch Rexroth's product line. It includes compatibility with the new-generation pre-compensated EDG valves and enables customized solutions tailored to meet individual customer requirements. With its compactness and power density the EDH sets new standards. At the same time, it offers maximum flexibility and adaptability to control diverse machine functions.

Rising demand for high flow capacities

A heavier workload on mobile working machines requires high flow capacities. The EDH's flow capacity of up to 100 l/min ensures that machines can handle heavy-duty applications with ease. This increases productivity and reduces cycle times in critical mobile machines, but also in industrial applications.

Low space requirements in mobile applications

With the need to fit more functionality into compact machines, installation space is scarce. The EDH's compact design enables seamless integration into space-constrained environments. By effectively utilizing limited space, companies can enhance efficiency and realize the full potential of their machines.

Versatile possibilities

The EDH Compact Directional Valve provides companies with diverse possibilities to tailor hydraulic systems to specific application needs. A precise engineering and durable construction provide high reliability, reduce maintenance costs and minimize downtime.