PRESS RELEASE

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CH2020-1
For Immediate Use

Forklift Block by Bosch Rexroth

EDG valve block – 350 bar (5000 psi) direct acting pre-compensated LS directional valve for forklifts

The new Rexroth forklift block powered by EDG modular valves

Bosch Rexroth launches its new innovative, modular direct acting valve for the mast and implement hydraulic functions on forklift trucks. A custom manifold for mast raising and lowering is integrated with pre-compensated proportional directional valves for fork, tilt and auxiliary functions. Additional downstream valves such as counterbalance, pilot operated checks or port reliefs can be integrated within the directional valve cast body for world class compactness and performance.

Our new forklift block is operated by new EDG sectional valves along with a customized inlet plate, giving you a completely integrated and tested assembly.

The inlet plate incorporates Rexroth's new KSVS proportional flow control valve that enables precise control up to 100 l/min (26 gpm), low hysteresis and low ΔP. Also included is a lowering compensator, ensuring a constant lowering speed for any size load on the forks, along with pump unloading and an emergency manual lowering valve.

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Thanks to the modular design, customized inlets and mid-inlets can be configured to support one system solution for a variety of compact mobile equipment platforms.

For more information on Bosch Rexroth's Compact Hydraulics, visit: https://www.boschrexroth.com/en/us/products/product-groups/mobile-hydraulics/topics/compact-hydraulics/index

About Bosch Rexroth:
As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 32,300 associates generated sales revenue of roughly 6.2 billion euros ($7.3 billion) in 2018.

To learn more, please visit www.boschrexroth-us.com.

About Bosch:
The Bosch Group is a leading global supplier of technology and services. It employs roughly 410,000 associates worldwide (as of December 31, 2018). According to preliminary figures, the company generated sales from operations of 77.9 billion euros ($92 billion) in 2018. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The

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Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs some 69,500 associates in research and development.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPresse.

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