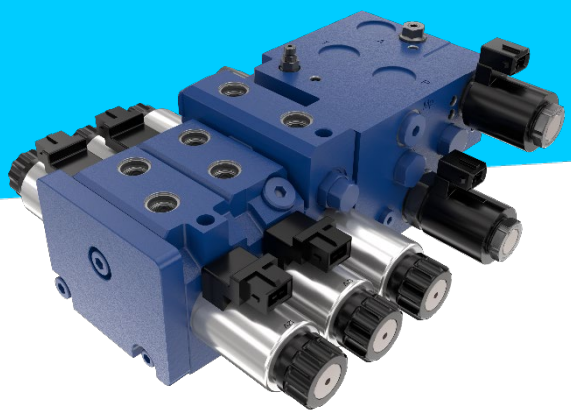
rexroth
A Bosch Company

EDG block for Forklifts electro-directional LS valve



CUSTOMER BENEFITS

- Compact dimensions and light weight
- Independent max. pressure setting on each section
- Fine proportional control
- Available matching with all ED series
- Spool sensor availability for safety and/or diagnosis
- Redundancy safety option available on lowering function
- Designed to give maximum flexibility in design and building concept
- EDG available in two variants:
- Compact version directional flow control valve with auxiliary function
- Extended body version which includes Load Holding cartridges according to customer needs

THE NEW FORKLIFT BLOCK POWERED BY EDG MODULAR VALVES

Bosch Rexroth launches its new innovative modular electrohydraulic valve for the implement hydraulic systems on Forklift trucks. Smart, modular valve block designed to allow excellent performances and higher flexibility if compared to traditional solutions: all of it in a compact size.

The new Forklift block is powered by the new EDG modular valves and the highly configurable inlet plate grants the customer complete control over the customization of the required solution.

The inlet plate incorporates the new KSVS proportional solenoid valves that enable optimal control up to 80 l/min, low hysteresis and low ΔP.

The lowering compensator ensures the finest controllability in every condition regardless of the load on the forks.

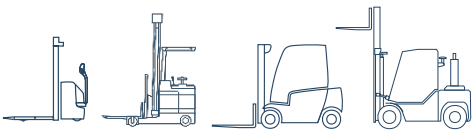
EDG's modular nature allows the end-users to integrate additional functions to existing control blocks to match new requirements; its high flexibility grants ease of access for service and maintenance activities.

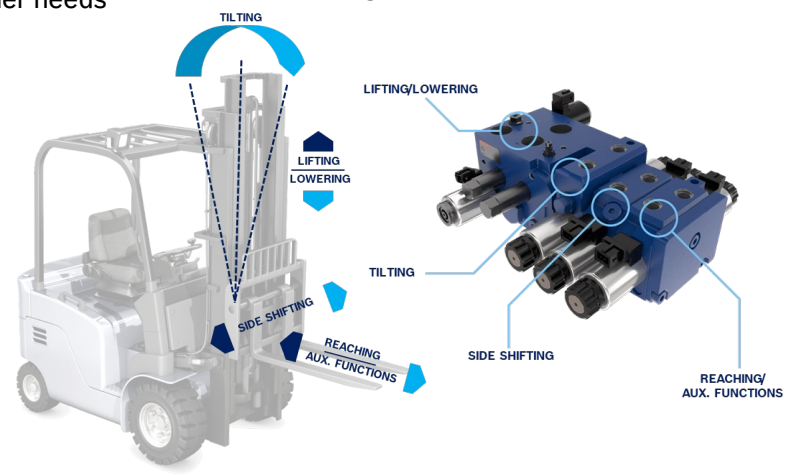
Thanks to the modular design customized functions EDG can be integrated with special inlet plates as well.

TECHNICAL DATA

- Lifting / Lowering 80 l/min
- EDG Flow:
- Direct acting: 40 l/min
- Pilot operated: 55 l/min
- Max. pressure: 350 bar

APPLICATIONS





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