

Michael Teuteberg, DC-IA/SET43
Tel. 09352 18-2790, Fax 09352 18-1293
michael.teuteberg@boschrexroth.de

Bosch Rexroth AG
97813 Lohr am Main
Zum Eisengießer 1
97816 Lohr am Main
Tel. +49 9352 18-0
www.boschrexroth.com

Handout Secondary Control Of Hydrostatic Transmissions 20.08.2012

System solutions of today for your applications of tomorrow.

The expectations of system solutions are higher today than ever before. High performance, low energy consumption, high dynamics and outstanding controllability are just some of the properties a modern drive strategy must exhibit. Secondary controlled drives from Bosch Rexroth combine high dynamics with control accuracy and energy recovery.

Discover the advantages:

- High level of reliability and availability
- High dynamism of speed and torque
- High precision and easy operation
- Possibility of storing and recovering energy
- Parallel operation of different consumers without constraints
- Minimal installation space required
- Flexible systems, especially concerning safety functions

Secondary control is an unrivalled hydraulic drive system of Bosch Rexroth. In 25 years of project related experience we placed that high dynamic drive system in branches like ship technology, offshore technology, handling and transport technology, machine tools, test benches, presses metallurgy and others. Secondary controlled drives are the hydraulic alternative to frequency controlled electrical drives. More than 3500 secondary controlled axis are in branch independent drive system in use. Very successful is that technology in active heave compensated drive systems. In the marine and offshore market the advantages of dynamic and the energy recovery up to 70% in the active heave compensation mode makes it very interesting for crane and winch manufacturers.

Yours sincerely

Bosch Rexroth AG
Michael Teuteberg