In this eLearning course, you will be provided with basic knowledge on hydraulics whereby the physical basics such as the connection between force and mass and graphic symbols are discussed. Furthermore, the structure of hydraulic systems and the required components as well as their functions are explained.

**Contents**
- General definition and typical applications
- Connection between mass and force
- Pressure calculation, physical basics
- Structure of a hydraulic system, function groups of the system and important components
- Representation of the components as graphic symbols
- Task and mechanism of hydraulic pumps and common models, calculation of the pump capacity
- Energy conversion of the hydraulic motors, efficiency of the motors
- Tasks and structure of hydraulic cylinders, connection between speed, flow and piston force

**Target Group**
Operators, service engineers, programmers, planners/implementers, managers, trainers

**Training Time**
During the license term, the eLearning is available at any time. The license period is 12 months after activation.

Duration: approx. 7 to 8 hours

**Available Languages**
German, English

**Price**
€336.00 (net) / €399.84 (gross) per year

Price for multi-user licenses upon request

**Notice**
You can find the current offer online at: [www.boschrexroth.com/elearning](http://www.boschrexroth.com/elearning)
HTM-HFKB
Hydraulic power brakes

This training course provides knowledge about the structure, function and operation of Rexroth power brakes for wheeled vehicles. The various components and their specific properties and advantages will be addressed using sample applications.

CONTENTS
- Basic legal regulations
- System components of modular and compact single-circuit and dual-circuit systems
- Design of power brake systems
- Information on installation and maintenance

LEARNING TARGET
- Knowing legal principles for Germany and Europe – understanding how the components used work
- Being able to design and maintain appropriate systems

PREREQUISITE
Technical understanding

TARGET GROUP
Operators, service technicians, planners/application engineers, managers, trainers

DATES (GERMAN) TRAINING LOCATION
Dates and training locations available on request
Please contact us for more dates and individual training courses. We would be happy to help you.

TRAINING TIME
0.5 days: 8:30 AM – 1:30 PM

PRICE
€380.00 (net) / €452.20 (gross)

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