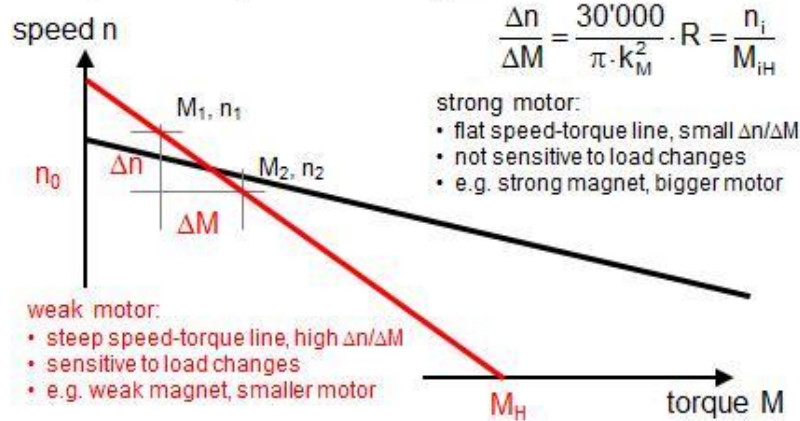


Speed-torque gradient

by how much is the speed reduced Δn ,
if the output motor torque is enhanced by ΔM ?



New free training course from maxon motor

Introduction to DC Motor Selection

maxon motor uk is pleased to launch a new training course – Introduction to DC Motor Selection. This half-day workshop provides the practical information you need to successfully select the right DC drive solution – be it brushed or brushless - for your application.

The course covers the interpretation of motor data and how you can use this information for motor sizing. Whether you need high speed and dynamics or just high torque, this workshop will teach you to size a drive with just the right power reserves avoiding costly oversized motors.

The course will include the following topics:

- DC motors
 - Electrical characteristics and principles
 - Variants- brush types
- System analysis and application analysis
- Calculating peak loads and average loads
- Understanding of catalogue data
- Gearheads
- Calculating system parameters and selecting system components
- Online MSP – maxon selection program tutorial
- Overview of maxon motor control products
- Free handy system formulae booklet, covering relevant mechanical and electrical topics

All maxon motor courses are held at our offices at Maxon House, Hogwood Lane, Finchampstead, Berkshire RG40 4QU. This course is free of charge.

For information about maxon training dates please contact 01189 733 337 or mark.gibbons@maxonmotor.com.

About maxon motor

maxon motor is the world's leading supplier of dc motors, brushless motors, gearheads and controllers. We offer high quality, innovation, competitive pricing and highly specialised solutions.

Where are maxon motors used today?

Aerospace
Robotics
Medical science
Industrial automation
Instrumentation & inspection
Communication
Surveillance cameras
Automotive
Consumer applications

Maxon's motors, gearheads, encoders, brakes and controllers are all perfectly compatible and offer an almost unending number of possible combinations. The maxon modular system gives the ideal combination for the required application.

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