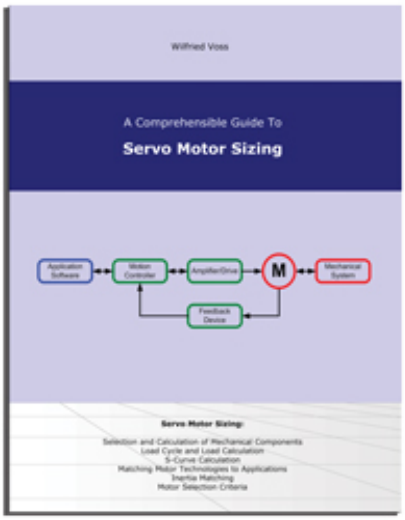
eBook (PDF) Describing the Servo Motor Sizing Process



Copperhill Media offers literature on servo motor sizing that is available as paperback through Amazon.com or in form of eBooks (PDF) through the publisher's web site.

Sept. 29, 2008 - *PRLog* -- The Importance of servo motor sizing should not be underestimated. Proper motor sizing will not only result in significant cost savings by saving energy, reducing purchasing and operating costs, reducing downtime, etc.; it also helps the engineer to design better motion control systems. However, the knowledge of mechanical systems and their influence on motor speed, inertia and torque requirements seems to decline in a world where modern technology aspects, such as tuning and programming, seem to be the main focus. The motor sizing process involves a number of mathematical equations, which are most certainly documented, but not necessarily with the motor sizing process in mind. 'A Comprehensible Guide to Servo Motor Sizing' focuses primarily on servo motor sizing and it documents in detail the inertia and torque calculations of standard mechanical components and the motor selection process.

'A Comprehensible Guide to Servo Motor Sizing' describes all equations and algorithms necessary for the sizing process, including inertia and torque calculations for mechanisms such as lead screws, rotary tables, actuators, gears, and more. Also included is the calculation of duty cycles including a detailed description of S-Curve (Jerk Limitation) calculation.

More info: http://www.copperhillmedia.com/ServoSizingBook.html

The information in the book is accompanied by a free download of VisualSizer, the most popular servo motor sizing software in the motion control business.

To download VIsualSizer: http://www.visualsizer.com

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Copperhill Media Corporation is the publisher of servo motor sizing software and literature plus literature on CAN, CANopen and SAE J1939.

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