



Fluid Power Pumps and Motors Analysis, Design and Control

By Noah D. Manring

McGraw-Hill Professional. Hardcover. Book Condition: New. Hardcover. 320 pages. Dimensions: 9.1in. x 6.1in. x 1.0in. A COMPLETE GUIDE TO FLUID POWER PUMPS AND MOTORS Written by an expert in the field of fluid power, this book provides proven methods for analyzing, designing, and controlling high-performance axial-piston swash-plate type machinery. Fluid Power Pumps and Motors: Analysis, Design, and Control offers a comprehensive mechanical analysis of hydrostatic machines and presents meticulous design guidelines for machine components. Detailed diagrams and useful formulas are included throughout. Using the results and techniques employed in this practical resource will reduce product delivery lead-time and costs to increase overall efficiency. COVERAGE INCLUDES: Fluid properties Fluid mechanics Mechanical analysis Piston pressure Steady-state results Machine efficiency Designing a cylinder block, valve plate, piston, slipper, swash plate, and shaft Displacement controlled pumps Pressure controlled pumps This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.

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