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Nota di contenuto	Ch. 1. Megatrends influencing the electric motor industry -- 1.1. Market environment -- 1.2. Product and technology landscape -- 1.3. Manufacturing landscape and trends -- 1.4. Product cost trends -- 1.5. Business models and strategies -- 1.6. Summary and recommendations -- Ch. 2. Technology trends and benchmarking -- 2.1. Motor requirements for hybrid/ev applications -- 2.2. Benchmarking and assessment of technology solutions -- 2.3. Summary and recommendations -- Ch. 3. Electric motor manufacturing -- 3.1. Classification of motor manufacturing facilities -- 3.2. Factors affecting manufacturing plant location -- 3.3. Electric motor manufacturing processes -- 3.4. Analysis of strategic manufacturing processes -- 3.5. Summary and recommendations -- Ch. 4. Electric motor sourcing and supply chain -- 4.1. Overview of electric motor supply chain -- 4.2. Electric motor cost breakdown and supply chain analysis -- 4.3. Supply chain factors influencing cost of electric motors -- 4.4. Geographic distribution of electric motor supply base -- 4.5. Emerging supply chain models and trends -- 4.6. Summary and recommendations.
Sommario/riassunto	"From the choice of the right technology to the management of complex supply chains, the need for solid and lucid information is

essential to stay ahead in a dynamic market. This market study delves into the fast-paced world of electric motors. In a joint effort that brings together the technology and product strategy experience of the P3 Group and the focused reach of SAE International, Unwinding Electric Motors: Strategic Perspectives and Insights for Automotive Powertrain Applications covers a wide range of topics within this fascinating subject. Starting with the megatrends that currently influence the industry, this study provides an in-depth assessment of the technological, manufacturing, sourcing, and supply chain factors that will be shaping this landscape for the next five years. The goal of this initiative is to provide clarity and insights through structured, data-driven analyses and frameworks. Electric powertrain technology lead at P3 North America, this book draws on extensive industry experience and is supported by surveys and interviews with industry professionals from original equipment manufacturers, Tier 1 suppliers, research institutions, and universities. Its summaries and recommendations are invaluable to those looking for reliable intelligence and the tools to support good decision making"--Provided by publisher.
