



Quality from the beginning

Back when the first orbital motors appeared on the market, we were there to set the standard. Today our orbital motors are still unrivalled, whether driving turfcare equipment, work functions on massive agricultural machinery, or maintaining the performance of heavy-duty construction vehicles.

Durability in the extreme

Our motors have the longest possible lifetime under extreme operating conditions. And maintenance requirements are low due to the minimum number of wear parts. Our comprehensive technical support also ensures that you get the right motor

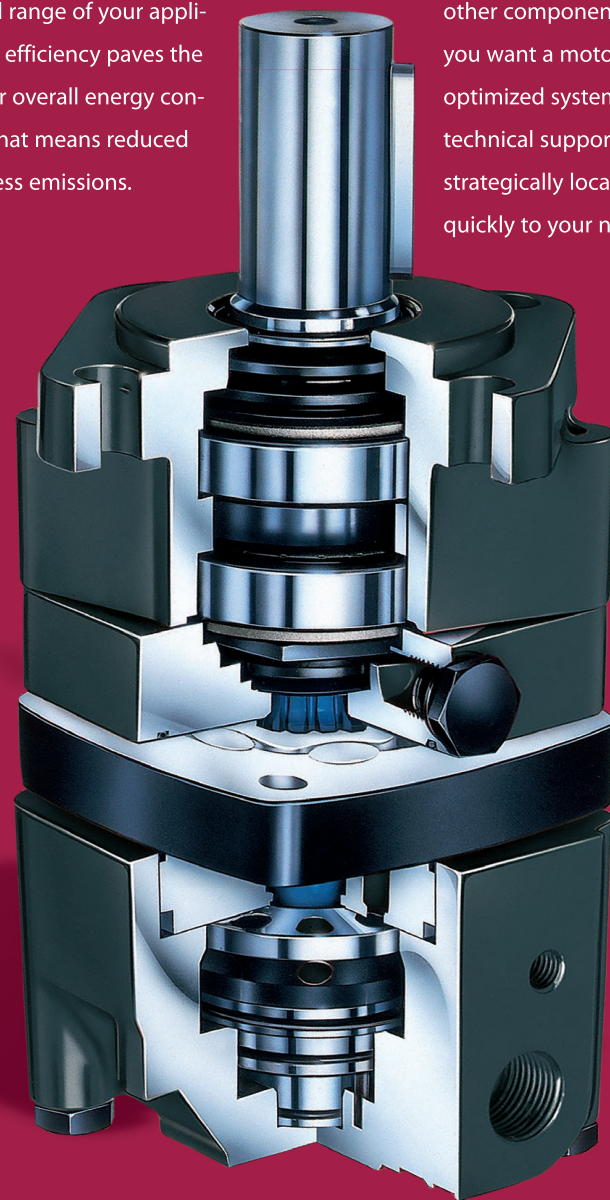
for your application.

Efficiency for optimal solutions

Used in open or closed loop hydraulic systems, our motors can efficiently meet your needs – providing a constant operating torque and running smoothly over the entire speed range of your application. High efficiency paves the way to lower overall energy consumption. That means reduced cost – and less emissions.

The safe, reliable choice

Our global service and technical support network can help you get the most out of your entire hydraulic system by making sure our motors work efficiently with other components. Whether you want a motor or an entire optimized system solution, our technical support specialists are strategically located to respond quickly to your needs.



www.sauer-danfoss.com

Sauer-Danfoss is a comprehensive supplier providing complete systems to the global mobile market. We offer our customers optimum solutions for their needs and develop new products and systems in close cooperation and partnership with them. Sauer-Danfoss specializes in integrating a full range of system components to provide vehicle designers with the most advanced total system design.

- Hydrostatic transmissions
- Hydraulic power steering
- Electric power steering
- Electrohydraulic power steering
- Closed and open circuit axial piston pumps and motors
- Gear pumps and motors
- Bent axis motors
- Orbital motors
- Transit mixer drives
- Proportional valves
- Directional spool valves
- Cartridge valves
- Hydraulic integrated circuits
- Hydrostatic transaxles
- Integrated systems
- Fan drive systems
- Electrohydraulics
- Microcontrollers and software
- Electric motors and inverters
- Joysticks and control handles
- Displays
- Sensors

Sauer-Danfoss provides comprehensive worldwide service for its products through an extensive network of Global Service Partners strategically located in all parts of the world.

Please contact the Sauer-Danfoss representative nearest you.

Sauer-Danfoss (US) Company 2800 East 13th Street Ames, IA 50010, USA Phone: ☎+1 515 239-6000 Fax: ☎+1 515 239 6618	Sauer-Danfoss GmbH & Co. OHG Postfach 2460, D-24531 Neumünster Krokamp 35, D-24539 Neumünster, Germany Phone: ☎+49 4321 871-0 Fax: ☎+49 4321 871 122	Sauer-Danfoss ApS DK-6430 Nordborg, Denmark Phone: ☎+45 7488 4444 Fax: ☎+45 7488 4400	Sauer-Danfoss-Daikin LTD. Sannomiya Grand Bldg. 8F 2-2-21 Isogami-dori, Chuo-ku Kobe, Hyogo 651-0086, Japan Phone: ☎+81 78 231 5001 Fax: ☎+81 78 231 5004
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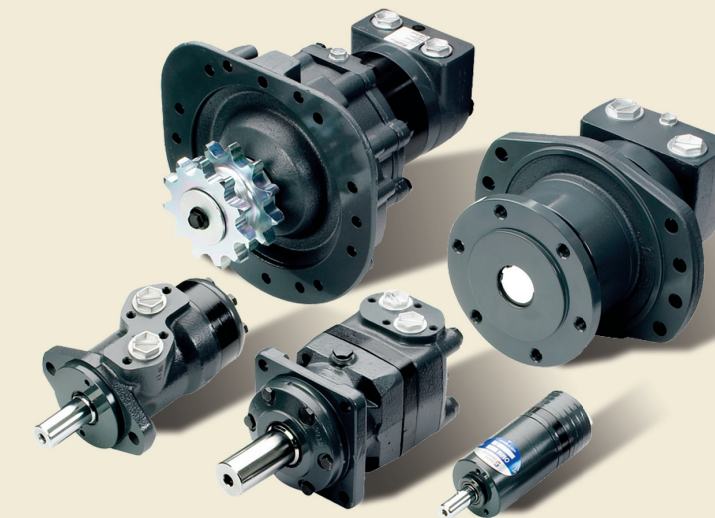
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Orbital Motors

Endless application possibilities



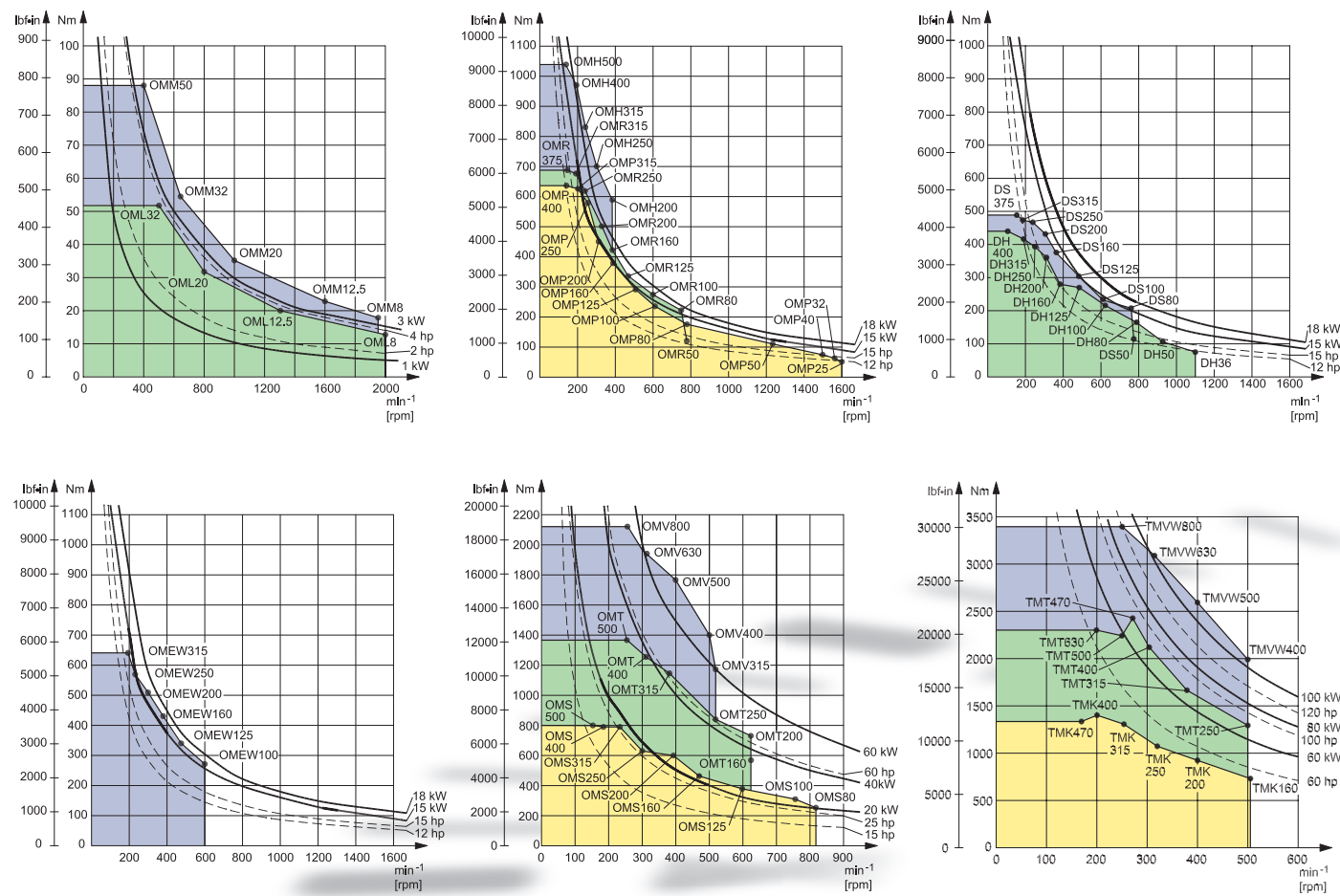
Long live efficient performance

Choose an orbital motor from Sauer-Danfoss, and experience the distinctive features that have made a leading international brand.

Characterized by their extreme durability in the toughest terrain, our motors provide the smooth, efficient performance

you need. On the flat, up the steepest slope, faced with the most arduous tasks. Our broad standard range is strongly complemented by customized adaptations designed for your special needs. All you have to do is specify your technical requirements, and we will give you the motor to match.

- We were there to set the standard.
- Longest possible lifetime.
- High efficiency.
- Strategically located to respond quickly to your needs.



The broadest range - the safest bet

Our range of low speed high torque hydraulic motors is one of the most comprehensive and flexible on the market. Displacements start at 8ccm (0.49in³) and move up to 800ccm (48.8in³).

Our portfolio features:

- Motors with corrosion-resistant parts.
- Wheel motors with recessed mounting flange for optimal utilization of bearing capacity.
- Motors with special dust seal ring for additional shaft-seal protection.
- Motors with needle or tapered roller bearings.
- Motors optimized for enhanced low speed performance.
- Motors with integrated holding brake.
- Short motors without bearings for applications with existing bearing capacity.
- Ultra short motors for optimal integration within applications.
- Motors with integrated flushing valve for continuous renewal and cooling of oil in a closed circuit.
- Motors with speed sensor that enable monitoring and speed regulation.
- Motors with tacho connection for speed monitoring.
- All motors available with black paint finish.



8ccm [0.49in³]

800ccm [48.8in³]

