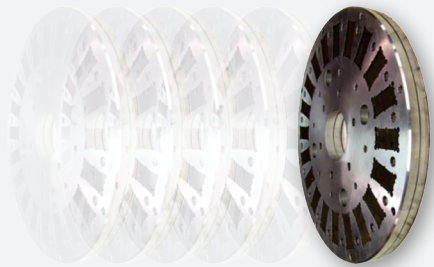


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**Magna
Drive™**

SYNCHRA™

Synchra 200 - Synchra 800 Series
15 - 950 kW



HIGHLIGHTS

- No Physical Connection Between Motor and Load
- Up to 80% Vibration Reduction
- 1/4" or More Misalignment Tolerance
- Synchronous RPM Transfer - No RPM Slip
- Safe, Reliable Over Torque Protection of Critical Equipment
- Automatic Re-Set
- Compact Design
- No Maintenance Required
- Eliminates Vibration Transfer Between Motor and Load
- Lowest Total Cost of Ownership
- Simple Installation & Operation
- Increases Seal & Bearing Life

APPLICATIONS

Ideal for industrial, wastewater and oil & gas applications that are subject to:

- Moderate to Severe Misalignment
- Load Seizures
- Pulsating Loads
- Thermal Expansion
- Shock Loading
- Tight Space Constraints

THE SYNCHRONOUS SOLUTION FOR MISSION CRITICAL EQUIPMENT

The Synchra™ Series from MagnaDrive™ harnesses the power of a no-contact, magnet-to-magnet synchronous connection. Compact and tough, the interior sequence of our patented design uses Neodymium-Iron-Boron magnets—the strongest permanent magnets in the world. The Synchra Series maximizes torque while eliminating any magnetic slip, resulting in consistent performance for vital equipment, with zero RPM's lost.

Synchra Series Torque Rating - 50 Hz

Model	Torque (N-m)	Motor RPM Limit	kW Rating 1.4 Service Factor
Synchra-200	Up to 135	3000	15 kW @ 1500 RPM 30 kW @ 3000 RPM
Synchra-300	Up to 880	3000	90 kW @ 1500 RPM 180 kW @ 3000 RPM
Synchra-400	Up to 2030	3000	220 kW @ 1500 RPM 425 kW @ 3000 RPM
Synchra-500	Up to 3390	1500	375 kW @ 1500 RPM
Synchra-600	Up to 5350	1500	630 kW @ 1500 RPM
Synchra-700	Up to 9350	1500	950 kW @ 1500 RPM

THE MAGNADRIVE ADVANTAGE

MagnaDrive is the world leader in magnetic power transfer. Our couplings and Adjustable Speed Drives transfer torque across an air gap, eliminating the physical connection between motor and load. Friction-free power transfer reduces harmful vibration, increases misalignment tolerance, minimizes wear and tear on equipment, and increases motor and equipment life, creating a lower total cost of ownership than standard couplings and a lifetime of unwavering performance.

MagnaDrive™
CORPORATION

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