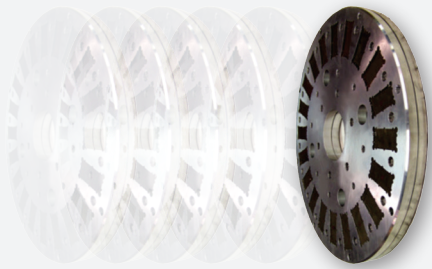


M

**Magna
Drive™**

SYNCHRA™

Synchra 200 - Synchra 800 Series
10 - 1500 hp



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

Model	Torque (Ft-lb)	Motor RPM Limit	HP Rating 1.4 Service Factor
Synchra-200	Up to 100	3600	25 HP @ 1800 RPM 50 @ 3600 RPM
Synchra-300	Up to 650	3600	150HP @ 1800 RPM 300 @ 3600 RPM
Synchra-400	Up to 1500	3600	375 HP @ 1800 RPM 750 @ 3600 RPM
Synchra-500	Up to 2500	1800	600 @ 1800 RPM
Synchra-600	Up to 3950	1800	1000 @ 1800 RPM
Synchra-700	Up to 6900	1800	1500 @ 1800 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

MAGNADRIVE.COM
P (425) 463-4700