

SFM 1000 HT 4P

**HIGH TORQUE
ELECTROMAGNETIC
SINGLE DISC CLUTCH**

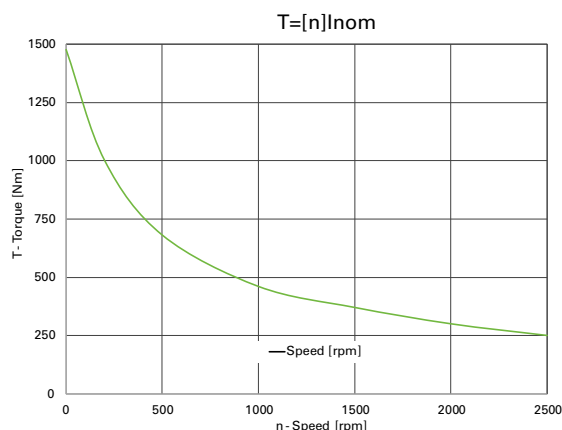


An electric clutch operates on the basic principle of magnetic attraction. Closing a switch sends electric current to an electromagnet or "field," producing a strong magnetic attraction which concentrates around the magnetic poles of the field. The magnetic attraction jumps the small air gap between the field and the rotor, effectively making the rotor a spinning magnet. This "magnet" attracts the armature, grips it tightly and causes it to turn with the rotor. Opening the switch turns off the magnet, disengaging the clutch.



FEATURES

- Activated when power is on
- Electrically operated at 12V, 24V, or 103,5V DC
- Static torque capability of 1500 Nm
- Suitable for dry use only
- Single friction face design
- Zero backlash
- No residual torque when in the disengaged position
- Equipped with a fixed OM inductor
- Compensates for wear over time
- Air gap "P" must be set during installation



Regal Rexnord

Contact us: +33 (0)2 41 21 24 24
[warnerelectric.com](https://www.warnerelectric.com) | [regalrexnord.com](https://www.regalrexnord.com)

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale>.