

# SFM 1000 HT 4P

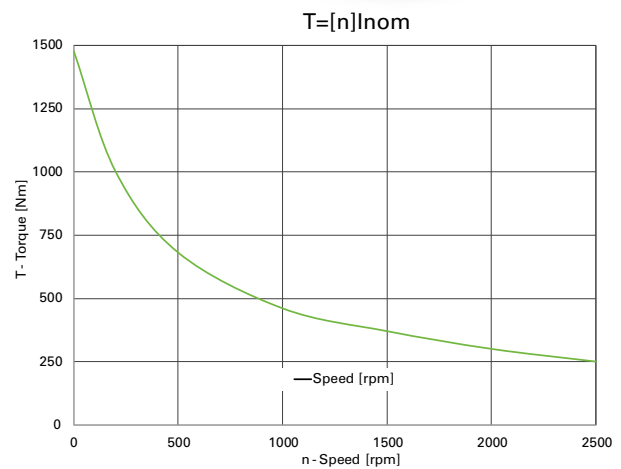
## HIGH TORQUE ELECTROMAGNETIC SINGLE DISC CLUTCH

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.

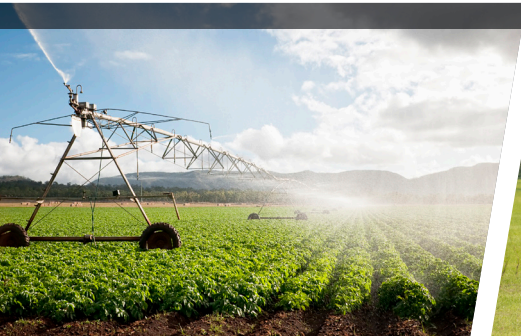


### FEATURES

- 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



### APPLICATIONS



Sprayers



Spreaders

