

# KEVO

**HIGH FOR THE ACTUATION OF AUXILIARY  
POWER GENERATING SETS IN VEHICLES,  
GENERAL MECHANICAL ENGINEERING**

## STANDARD FEATURES

Coil body with coil: thermal class 155
Diaphragm: for low axial restoring forces
Anchor plate: positive heat dissipation thanks to ventilation effect
Special surface protection: nitrocarburized
Rotor/anchor plate: Steel-steel friction combination, Hardened for high wear resistance
Electrical connection: 2-pole plug or flying leads



## **Electromagnetically connected Pole-Face Friction Clutch for a clean, simple control**

Improved integration of various drive systems in drive trains (hybrid technology) and development of low-consumption drives require various units to be connected and disconnected. This requires clutches with a low consumption, very good space-torque ratio and disconnection almost free from residual torque.

## APPLICATIONS

Actuation of auxiliary power generating sets in agriculture machinery, municipal vehicles, and textile machines or compressor drives for cooling units, laundry machines, proof systems and PTO-drives.

## BENEFITS INCLUDE

- Torque from 7 Nm to 7800 Nm
- Electromagnetically operated for a clean, simple actuation
- 4-pole technology for high power density
- Small dimensions
- High switching frequency allowed
- Short switching times
- Fixed and wear-free power transmission without a slip ring
- Diaphragm technology allows for torque transmission free from backlash and disconnecting free from residual torque
- Low idling torque
- Low axial restoring power thanks to diaphragm
- Steel-steel friction combination, hardened for high wear resistance

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