

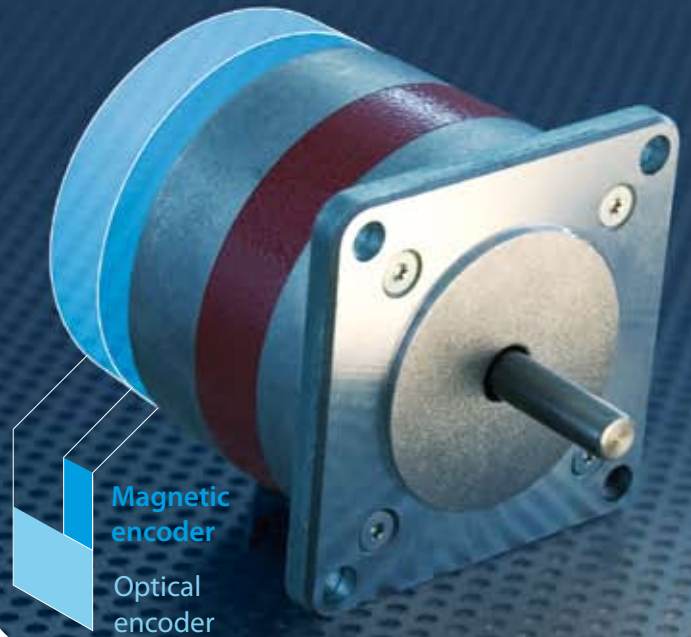
Intelligent hybrid stepper motor

with integrated cost-effective encoder



SONCEBOZ
from mind to motion

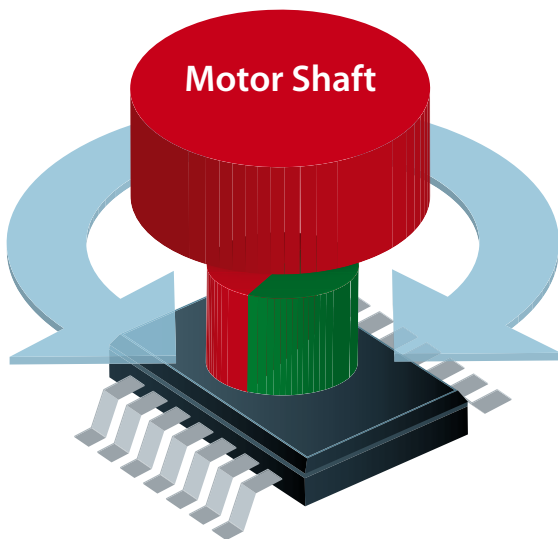
More than 20% size reduction! *



* compared to an optical encoder.
View of a 6600 Series motor.

Features

- **Complete system with motor and encapsulated magnetic rotary encoder:**
 - Contactless position sensor
 - Encoder resolution up to 16384 CPR (counts per revolution)
 - User-programmable index position
 - A/B and index channel signal output
 - Compact design
- **Encoder compatible with all Nema 17-23 Sonceboz hybrid stepper motors: 6540 and 6600 Series** - please refer to motor datasheets on www.sonceboz.com
- **System operating temperature:** [-40°C; +110°C]



Benefits

- **Allow permanent and precise angle sensing**
- **Cost-effective solution** due to high level of components integration: less cabling
- **Maintenance free** due to robust and long-life encoder solution: no optic
- **Compact package: >20% size reduction** compared to optical encoder solution
- **High resistance to harsh environments**

Our core competencies consist of design, development and production of mechatronic drive systems and electric motors that operate in harsh environments. We are committed to improving safety, decreasing energy consumption and minimizing the impact on the environment. Our focus on innovation, best in class quality and exceptional service is our key to success for worldwide OEM customers and their suppliers.

SONCEBOZ

Rue Rosselet Challandes 5
2605 Sonceboz - Switzerland
Ph. +41 (0)32 488 11 11
Fax +41 (0)32 488 11 00
info@sonceboz.com
www.sonceboz.com