

# GKN DIRECT DRIVE MOTOR TECHNOLOGY

FOR INDUSTRIAL AND COMMERCIAL HVLS FANS



Lower Energy Cost



Smaller Footprint



Gearless Direct Drive

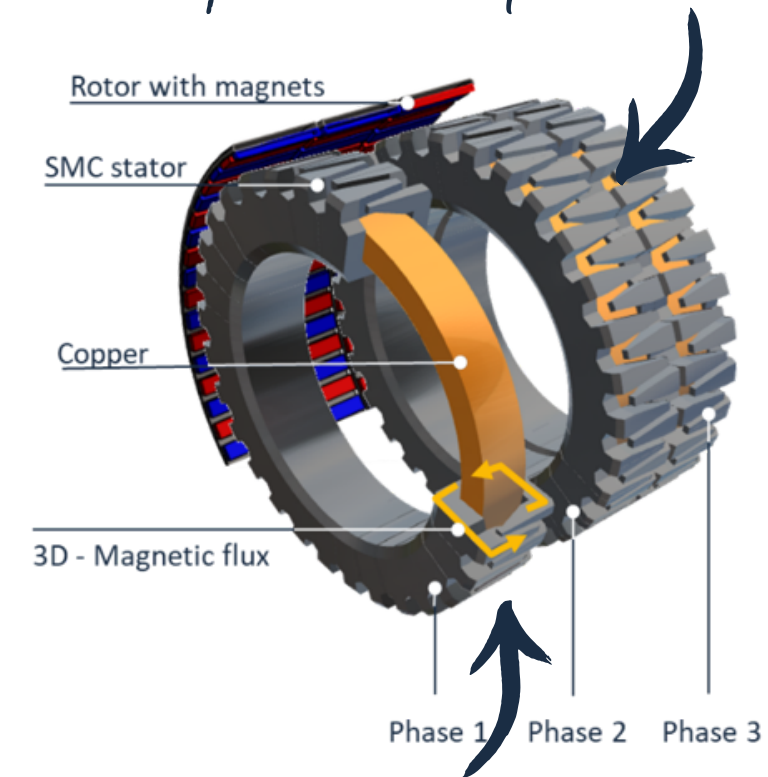
## TURNING ENERGY INTO SAVINGS

- ✓ Revolutionized Powder Metal-based direct drive E-Motor Technology
- ✓ Unequaled torque density & power at low rpm
- ✓ Lower energy consumption & cost with increased motor efficiency
- ✓ Smaller packaging and reduced weight for minimum footprint
- ✓ Extend service life by reducing maintenance costs & noise operation
- ✓ Simplify replacement part service & fast ROI by decreasing inventory costs

*Higher number of magnetic poles for superior torque at low rpm*



*Direct drive eliminating gearbox*



*3D magnetic flux design for best performance /weight ratio*



### INDUSTRY

Industrial HVLS Fans

### TECHNOLOGY

GKN TFM E-Motors

### MATERIAL

Soft Magnetic Composites



GKN SINTER METALS