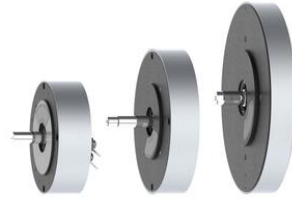


## PMW DYNAMICS GN PANCAKE SERVO MOTOR

### GN9

Precision rare earth magnet servo motor, 633Ncm peak torque, <1 to 6000 rpm



- Highest power for physical size (1/3 size of GM series)
- Available with 9, 12 or 16 cm armature width
- NdFeB magnets for -20C ambient temperature capability
- Up to 800W power
- Bespoke options available

### PRODUCT DESCRIPTION

The GN series is a high precision, slim compact pancake motor for high performance industrial applications.

At one third of the axial thickness of the GM range, it uses NdFeB (rare earth) magnets, allowing the motor to be used in conditions as low -20C..

Available in 9cm, 12cm and 16cm armature diameter sizes

Historically, servo applications that require a more compact motor with perfect control have been perfect for the GN series.

They are often a straight drop-in replacement for older series servo motors from PMI Kollmorgen.

### Options include

- Shaft modifications
- Adaptions for high alititude
- Adaptions for vacuum environment
- Customer specific leads and connectors
- Imperial (US) specifications
- Encoder options
- EMC supression

### Typical applications

- Industrial automation
- Medical machinery
- Marine and aviation
- Robotics
- Automotive