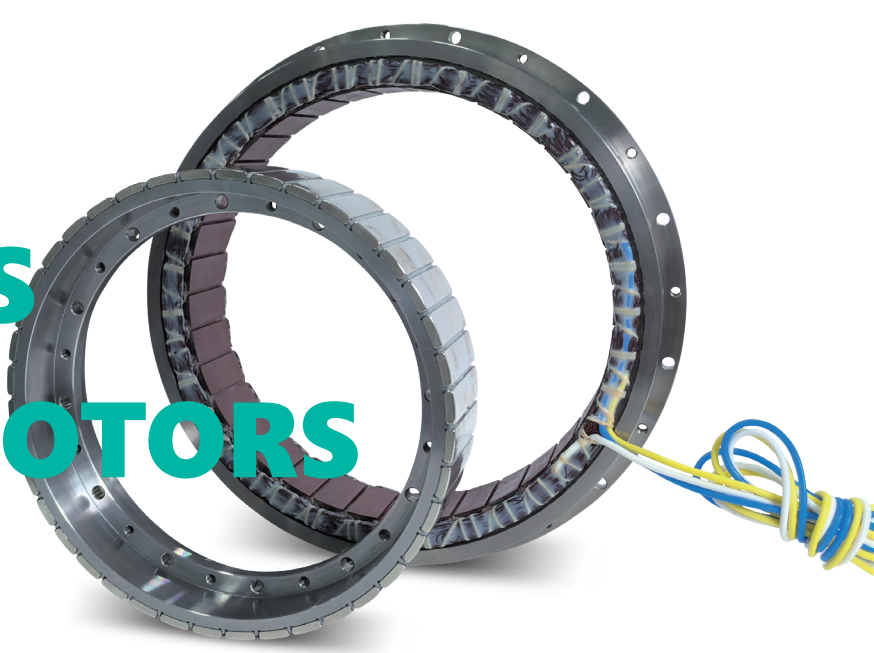


BRUSHLESS TORQUE MOTORS



Robotic



Aerospace



Medical



AGVs



Industrial

High Power, Precision, Efficiency

PALKI designs and manufactures frameless torque motors that integrate seamlessly into a wide range of applications, providing engineers with unmatched flexibility, precision, and reliability. The frameless design allows the rotor and stator (core components) to be incorporated directly into the system, reducing weight and optimizing space. With high power density and customizable specifications, PALKI's frameless torque motors ensure optimal performance and durability, empowering engineers to achieve greater efficiency and innovation in the most demanding applications.

Palki Technology Co.,Ltd.

Rm 1308, Bldg 21B, Caohejing S&T Oasis,
Songjiang, Shanghai, China

Tel.: +86 21-50103691

E-mail: info@palkitech.com

www.palkitech.com

Frameless Brushless Direct Drive Torque Motors



PALKI's J series of frameless brushless direct drive torque motors includes 20 frame sizes. Continuous stall torque ranges up to 50 N·m, the frame size (in diameter) varies from 25 mm through 300 mm, with multiple stack lengths for each diameter, ensuring that one of our standard models will likely meet your exact requirements.

Benefits

- Compact Design
- High Torque-to-Weight Ratio
- Greater Efficiency and Reliability
- Enhanced Thermal Management
- Versatile Customization

Frame Size (mm)	25 - 50	60 - 90	100 - 180	200 - 300
Rated Voltage (V)	12 - 28	15 - 36	24 - 36	28 - 48
Continuous stall torque (N·m)	0.016 - 0.17	0.13 - 3	0.4 - 10	10 - 50
Continuous stal current (A)	0.3 - 1.5	0.8 - 6.5	0.25 - 9.5	4 - 11
Peak stall torque (N·m)	0.036 - 0.42	0.26 - 6	0.8 - 20	20 - 100
Peak stall current (A)	0.6 - 3	1.6 - 13	0.5 - 19	8 - 22
No-load speed (rpm)	900±90 - 4500±450	210±21 - 1000±100	65±7 - 800±80	37±4 - 110±11
Torque constant (N·m/A)	0.003 - 0.18	0.16 - 0.86	0.182 - 2.7	1.54 - 6.6
Operating temperature (°C)	-55 to 125	-55 to 125	-55 to 125	-55 to 125