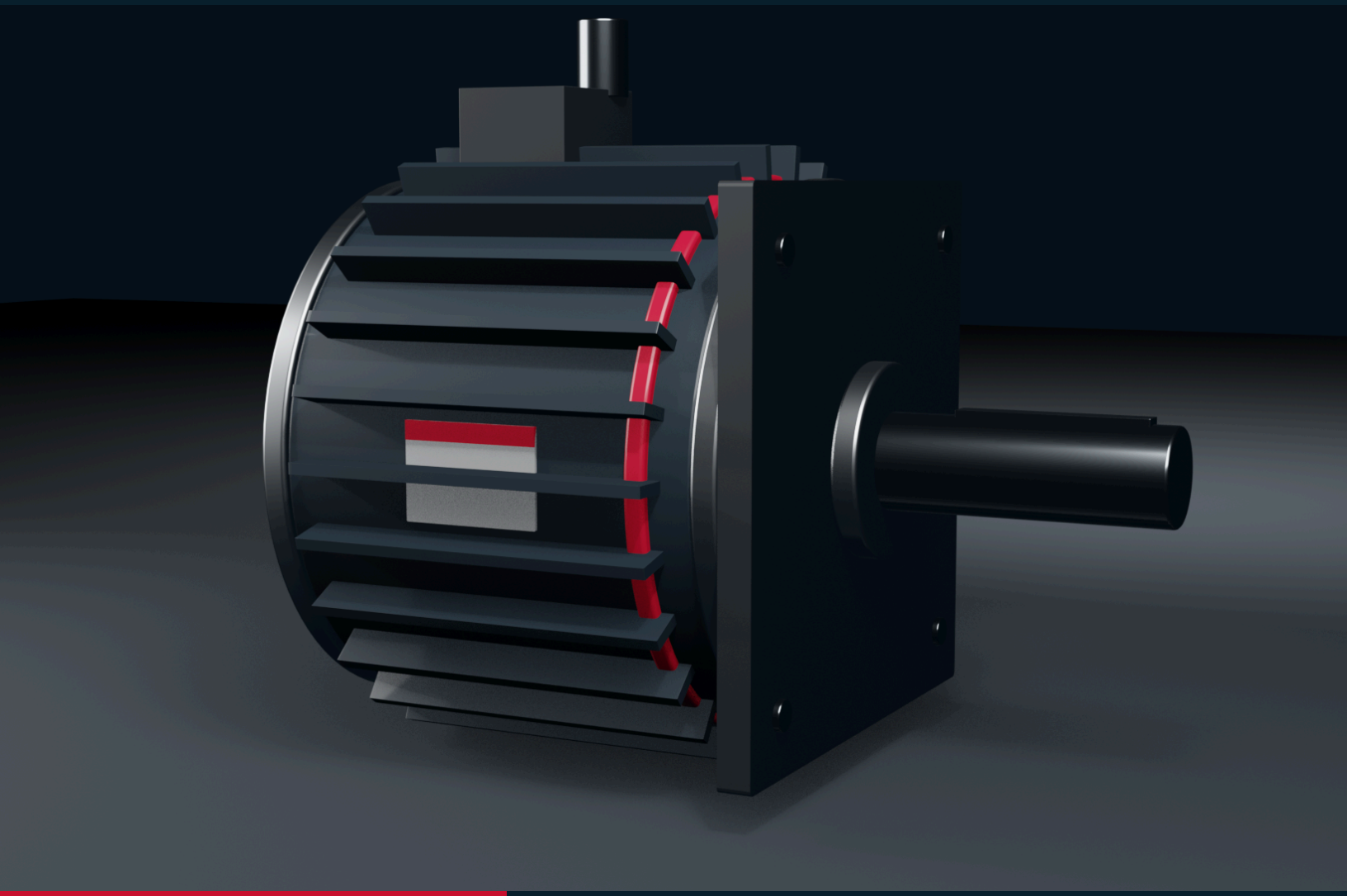
eMotion

EV TRACTION MOTORS



Electric Vehicle

RPGMotor Works®

MOBILITY

eMotion at a glance

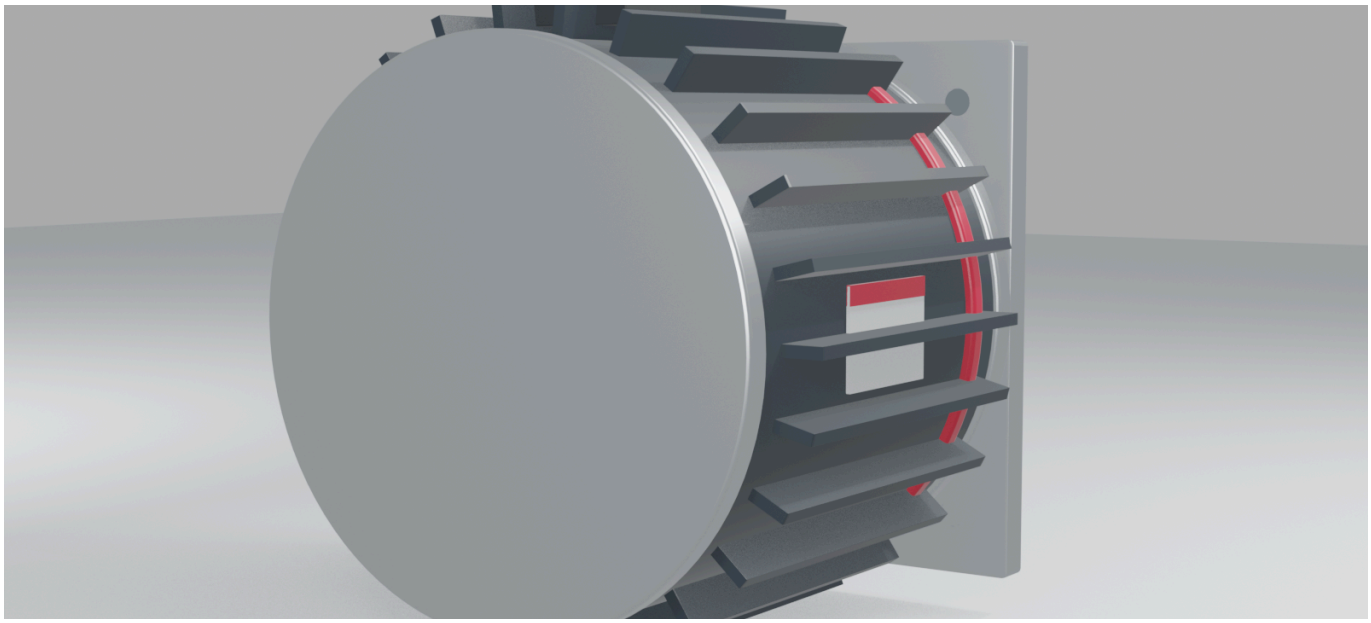
eMotion motors are built for electric vehicle applications where downtime costs more than the motor. Every unit is wound, balanced and load-tested at an RPGMotor Works plant before it ships.

Standard options cover encoders, IP ratings and cooling. Ask your RPG sales engineer about custom windings, shafts and flanges.

17
catalog variants

2 wk
shortest standard lead time

IE4
efficiency class on most frames



Certifications: CE, UL, CSA, RoHS, REACH, IATF 16949, ECE R100, ATEX

TECHNICAL DATA

Ratings

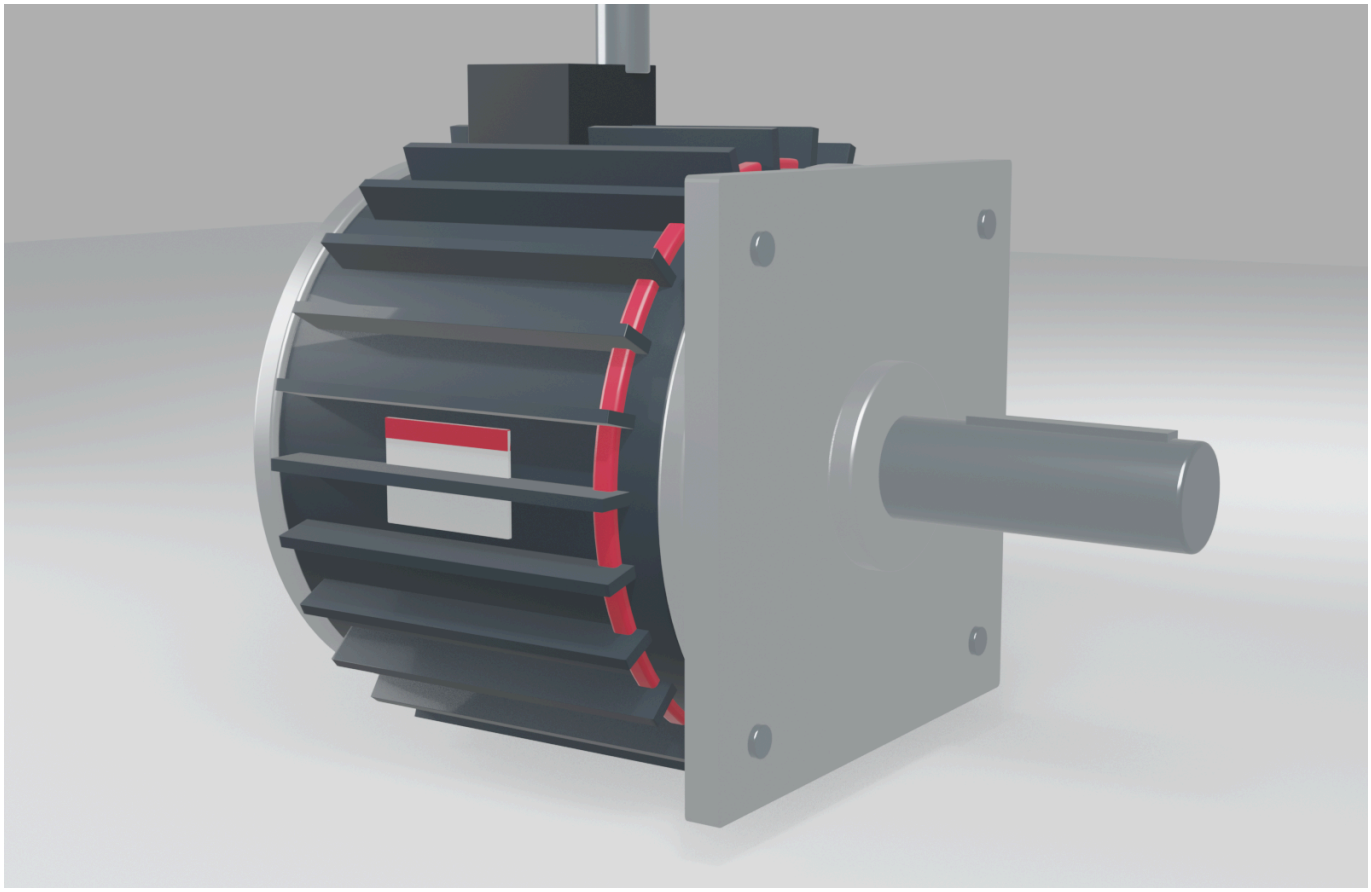
Values at 40 °C ambient, rated voltage. Full curves and CAD files are on www.rpgmotor-works.com.

SKU	Power (kW)	Cont. torque (Nm)	Peak torque (Nm)	Max speed (rpm)	Voltage	IP	Frame
RPG-EV-001	149.1	795.92	2399.13	2000	350V DC	IP54	NEMA 23
RPG-EV-002	97.3	330.8	1108.59	3000	800V DC	IP69K	NEMA 34
RPG-EV-003	71.6	153.04	519.79	20000	800V DC	IP69K	NEMA 23
RPG-EV-004	104	455.6	1153.61	12000	800V DC	IP67	NEMA 42
RPG-EV-005	43.7	79.46	237.52	8000	400V DC	IP54	IEC 160
RPG-EV-006	63.5	166.51	470.99	12000	600V DC	IP69K	NEMA 34
RPG-EV-007	53.8	319.12	990.79	8000	400V DC	IP69K	IEC 160
RPG-EV-008	80.2	164.04	406.92	15000	800V DC	IP69K	NEMA 56

TALK TO AN ENGINEER

Built to keep turning

RPG ServiceLine supports every eMotion motor in the field with repair, spare parts and DriveSense condition monitoring.



8
plants on three continents

24/7
ServiceLine hotline

1958
building motors since

RPGMotor Works®
ENGINEERED TO KEEP TURNING™

www.rpgmotor-works.com
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