

COMPACT HIGH INERTIA BRUSHLESS SERVO MOTORS

AUTOMATION



Racing Electric Instrument Co., LTD. is an AS9100 certified company on the design, assembly and manufacture of electric motors and related components for use in industrial, military, and aerospace applications. We are proud of supplying high-quality and low-cost electric motors and components (stators & rotors) · high-precision linear actuator · potentiometer and synchronous generator to our valuable Customers, who include many well-known names in the aerospace industries.

RACING Compact High Inertia Brushless Servo Motors (RH Series) are electronically commutated synchronous AC motors with permanent magnet field excitation. RH Series Servo Motors are designed for highly dynamic servo applications where positioning times of 30 ms or less are often the norm. The series offers one of the industry's widest power ranges with standard models available at continuous stall torque ratings from 6.4 to 28.6 Nm. RACING's application engineers are experts in helping to create the exact design for your unique needs.

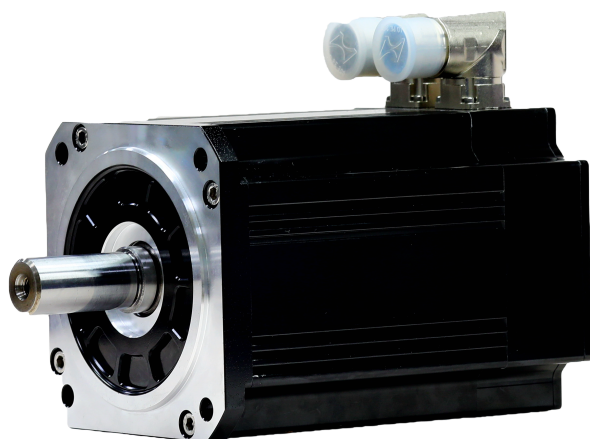
All RACING Servo Motors are manufactured in-house and the use of tight machining tolerances, precision balancing and thorough production testing guarantee a long service life.

ADVANTAGES

- Superior motor dynamics improves cycle time
- Compact, lightweight construction simplifies machine design
- Proprietary, low-cogging design delivers smooth low speed operation
- Rugged, minimum maintenance
- Explosion proof versions available for sizes 3, 5 and 6

APPLICATIONS

- Metal forming and presses
- Plastics
- Robotics



RACING SPECIALIZES ON ODM & OEM TO OUR CUSTOMERS



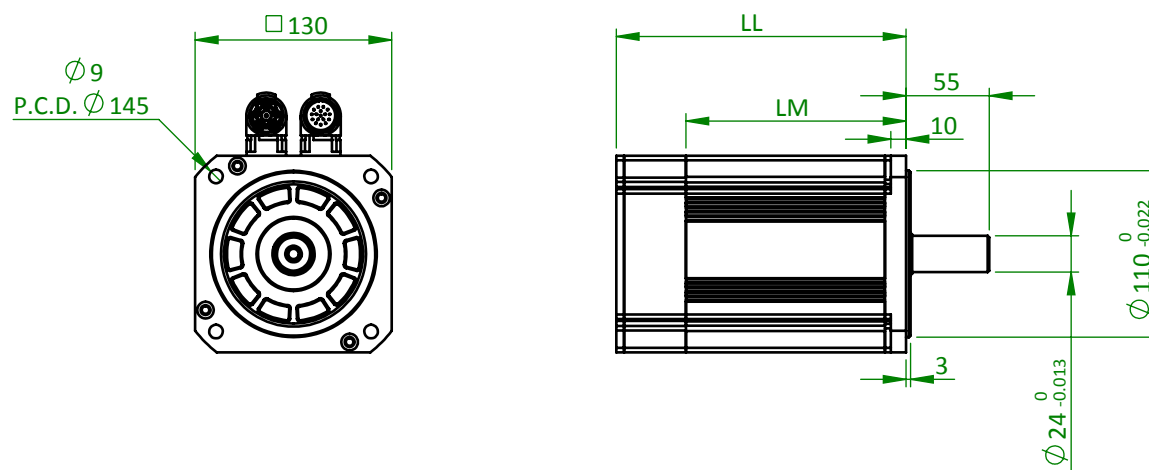
SPECIFICATIONS

TECHNICAL DATA

Model	Voltage(V)	Rated power (kW)	Rated speed (RPM)	Maximum speed (RPM)	Rated torque (N-m)	Maximum torque (N-m)	Rated current (A)	Maximum current (A)	Insulation class	Weight(kg)
RH-1320CB	200	2	3000	6000	6.4	19.1	11.8	35.4	F	7
RH-1330CB	200	3	3000	6000	9.5	28.6	17.7	53.1	F	7.8
RH-1345CB	200	4.5	3000	6000	14.3	43.0	26.5	79.6	F	8.5
RH-1320CD	400	2	3000	6000	6.4	15.9	5.9	14.7	F	7
RH-1330CD	400	3	3000	6000	9.5	23.9	8.8	22.1	F	7.8
RH-1345CD	400	4.5	3000	6000	14.3	35.8	13.3	33.2	F	8.5
RH-1320AB	200	2	1500	3000	12.7	38.2	16.3	49.0	F	7
RH-1330AB	200	3	1500	3000	19.1	57.3	24.5	73.5	F	7.8
RH-1345AB	200	4.5	1500	3000	28.6	85.9	36.7	110.2	F	8.5
RH-1320AD	400	2	1500	3000	12.7	31.8	8.2	20.4	F	7
RH-1330AD	400	3	1500	3000	19.1	47.7	12.2	30.6	F	7.8
RH-1345AD	400	4.5	1500	3000	28.6	71.6	18.4	45.9	F	8.5

DIMENSIONS

RACING RH Series Servo Motors are available with a variety of standard and customized options to address the unique requirements of your application.



Model	Brake	LL	LM
RH-1320	With brake	209	122
RH-1330	With brake	232	145
RH-1345	With brake	245	168
RH-1320	No brake	169	122
RH-1330	No brake	192	145
RH-1345	No brake	215	168

For more information, please contact us online.

sales@racing.com.tw

www.racing.com.tw/contact-us.htm

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this technical data is based on current available information and is subject to change at any time. specifications for specific systems or applications may vary.

