



For Use Where Rapid Acceleration & Deceleration are Required
Designed for demanding applications the highly-efficient Brushless DC Motor series delivers proven performance and reliability. They are ideal for precision applications such as an Automated Guided Vehicle (AGV), portable medical device, robot, industrial automation, laboratory, and agricultural equipment.

A Compact Servo Motor Design

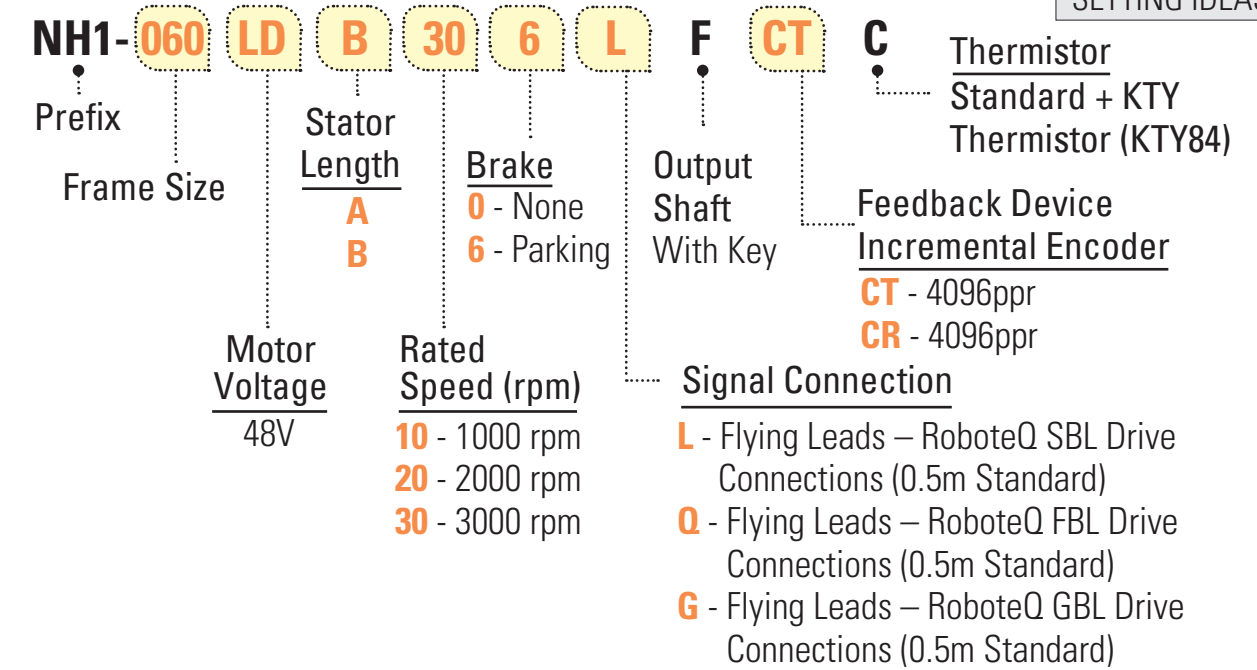
Designed to deliver high power in a small footprint the motors are easily integrated in new or existing systems. Their direct mounting design reduces setup time and the need for any additional parts.



Features

- › **Torque range: from 0.64 Nm to 10.2 Nm 48Vdc**
- › **Connector variants**
- › **Metric IEC Frame sizes: 060, 067, 089, 115, and 142**
- › **Various shaft diameters, keyed or plain**
- › **Brake and gearhead options**
- › **Rated speeds from 1,000 to 6,000 rpm**
- › **Thermal protection by a KTY84/130 sensor**
- › **Feedback option for desired accuracy and resolution**
- › **Standard IP50 rated and IP65 rating with optional connectors**
- › **All-in-one-solution**

Part Number Example
Brushless DC Motors – LD 48Vdc



SDP/SI Part Number	Frame Size	Stator Length	Rated Speed rpm	Parking Brake	Connection Type	Feedback Device Type
NH1-060LDB300QFCTC	060	B	3000	0	Q	CT
NH1-060LDB306LFCTC	060	B	3000	6	L	CT
NH1-060LDB306QFCTC	060	B	3000	6	Q	CT
NH1-060LDB300LFCTC	060	B	3000	0	L	CT
NH1-067LDB300LFCRC	067	B	3000	0	L	CR
NH1-067LDB300QFCRC	067	B	3000	0	Q	CR
NH1-067LDB306LFCRC	067	B	3000	6	L	CR
NH1-067LDB306QFCRC	067	B	3000	6	Q	CR
NH1-089LDA300LFCRC	089	A	3000	0	L	CR
NH1-089LDA300QFCRC	089	A	3000	0	Q	CR
NH1-089LDA306QFCRC	089	A	3000	6	Q	CR
NH1-115LDA100QFCRC	115	A	1000	0	Q	CR
NH1-115LDA106QFCRC	115	A	1000	6	Q	CR
NH1-142LDA200GFCRC	142	A	2000	0	G	CR
NH1-142LDA206GFCRC	142	A	2000	6	G	CR

Engineered Motion Solutions by SDP/SI
SDP/SI is a leading manufacturer of precision gears and superior mechanical components for robotics and automation applications. With over 70 years of experience we provide problem solving

solutions – from gearing and actuation to motors, drives, and controls. With over 87,000 standard component options and custom capabilities we look forward to meeting your motion needs.

Let's Set Your Project into Motion
Contact SDP/SI to discuss your application and how we can help set your ideas into motion!