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Find the *Rockwell / Allen-Bradley 1326AB-B420H-21-K4* at our website: *Click HERE*

Profile

PRODUCT

Kinetix

1326AB Brushless Servo Motors

for 460 volt systems



Overview

1326AB medium inertia brushless servo motors are specially engineered for high continuous output and smooth performance. Available in three frame sizes and a wide torque range (2.7-50.0 N.m), this series of servo motors is intended to be used with the Allen-Bradley Kinetix 6000, Ultra family 460 volt (2098-HV) or 1394 motion control systems.

Features

1326AB motor features:

- Rugged, absolute encoder or resolver-based feedback is standard, enabling the motor to withstand harsh shock and vibration, as well as high operating temperatures
- IP67 protection option rating for harsh environment
- High-voltage windings with heavy duty insulation, wire, and stator system ensure reliable operation
- Advanced magnet design, including magnet flux orientation to increase flux density, improves demagnetization protection and lowers harmonics and losses
- Increased slot fill and an improved frame and magnetic structure produce higher motor output
- Sinusoidal, four-pole design ensures predictable linear performance and a square torque-speed characteristic - offering increased torque at high speed
- Smart motor option for simplified commissioning and peak performance

Feedback Options

- Absolute multi-turn high resolution:
  - Up to 2 million counts per revolution
  - Absolute over 4,096 revolutions
  - Smart motor capability
- Absolute single-turn high resolution:
  - Up to 2 million counts per revolution
  - Absolute within one revolution
  - Smart motor capability
- Resolver
  - 4,096 count resolution

Typical Applications

Applications where smooth performance and high continuous output is required will benefit from the use of 1326AB motors. Typical applications include:

- Automotive
- Metal Forming
- Converting
- Machine Tool
- Material Handling
- Packaging

Allen-Bradley

Catalog Number **1326AB-B*xxxx*-M2L Multi-turn**
1326AB-B*xxxx*-S2L Single turn
1326AB-B*xxxx*-21 Resolver

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Specifications

Rating	B410G	B410J	B420E	B420H	B430E	B430G	B515E	B515G
Rated Torque N-m (lb.-in.)	2.7 (24)	2.7 (24)	5.0 (44)	5.1 (45)	6.6 (58)	6.4 (57)	10.4 (92)	10.4 (92)
Peak Torque N-m (lb.-in.)	8.1 (72)	8.1 (72)	14.9 (132)	14 (124)	19.7 (174)	17.2 (153)	31.2 (276)	31.2 (276)
Rated Speed (rpm)								
460V	5000	7250	3000	6000	3000	5000	3000	5000
380V	4000	6000	2500	5000	2500	4000	2500	4000
Rated Power (kW)	1.0	1.4	1.1	2.2	1.4	2.3	2.3	2.9

Rating	B520E	B520F	B530E	B720E	B720F	B730E	B740C	B740E
Rated Torque N-m (lb.-in.)	13.0 (115)	13.1 (116)	18.0 (160)	30.9 (273)	31.8 (282)	39.0 (345)	53.0 (469)	50.8 (450)
Peak Torque N-m (lb.-in.)	39 (345)	39.3 (348)	54.2 (480)	88.1 (780)	56 (495)	85.4 (756)	126.8 (1122)	79.4 (702)
Rated Speed (rpm)								
460V	3000	3500	3000	3500	5000	3350	2200	3400
380V	2500	3000	2500	3000	4100	2800	1800	2800
Rated Power (kW)	2.9	2.9	4.2	6.8	11.7	9.6	8.7	12.7

For more information refer to our web site: www.ab.com/motion

www.rockwellautomation.com

Corporate Headquarters
Rockwell Automation, 777 East Wisconsin Avenue, Suite 1400, Milwaukee, WI, 53202-5302 USA, Tel: (1) 414.212.5200, Fax: (1) 414.212.5201

Headquarters for Allen-Bradley Products, Rockwell Software Products and Global Manufacturing Solutions
Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36-BP 3A/B, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Headquarters for Dodge and Reliance Electric Products
Americas: Rockwell Automation, 6040 Ponders Court, Greenville, SC 29615-4617 USA, Tel: (1) 864.297.4800, Fax: (1) 864.281.2433
Europe: Rockwell Automation, Brühlstraße 22, D-74834 Elztal-Dallau, Germany, Tel: (49) 6261 9410, Fax: (49) 6261 17741
Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 351 6723, Fax: (65) 355 1733

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