

Determining Catalog Numbers

1326AS Series catalog numbers are made of various components. Each character of the catalog number identifies a specific version or option for that component. Use the selection tables below to assemble the catalog numbers for the motors and options you need.

1326AS Series Servo Motor

Bulletin Number	Type	Voltage	Frame Series	Motor Length	Motor Winding Designator	Flange and Shaft Series	Standard Options
1326	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
AS = Rare Earth AC Servo Motor							
B = 460V AC							
2 = 60 mm (Approximate stator size) 3 = 75 mm (Approximate stator size) 4 = 100 mm (Approximate stator size) 6 = 150 mm (Approximate stator size) 8 = 200 mm (Approximate stator size)							
Sequentially numbered to indicate the magnet stack length within a given frame size							
Letter designation for rated motor speed ¹							
21 = IEC metric flange with keyway							
K3 = 2.26 N-m (20 lb in.) Holding brake with 24V DC coil for 1326AS-B3 frame series K4 = 10.2 N-m (90 lb in.) Holding brake with 24V DC coil for 1326AS-B4 frame series K6 = 36.7 N-m (325 lb in.) Holding brake with 24V DC coil for 1326AS-B6 frame series K8 = 50.9 N-m (450 lb in.) Holding brake with 24V DC coil for 1326AS-B8 frame series xxxxx = Special design options (factory assigned)							

¹ See the table in the Servo Motor Performance Data section for the rated speeds of the entire 1326AS Series family of motors.

1326 Shaft Oil Seal Kit for 1326AS Motors

Bulletin
Number

Series

0041

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5056 =	Nitrile shaft seal for 1326AS-B2xx motors
5065 =	Nitrile shaft seal for 1326AS-B3xx motors
5066 =	Nitrile shaft seal for 1326AS-B4xx motors
5067 =	Nitrile shaft seal for 1326AS-B6xx motors
5053-005 =	Nitrile shaft seal for 1326AS-B8xx motors

Motor Junction Box Kit¹ for 1326AS Motors

Bulletin
Number

Type

1326AS

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RJ34 =	Right angle junction box for B3 and B4 series motors.
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¹The motor comes standard with IP65 plug style connectors mounted radially to the motor. This kit allows the connectors to be brought out axially to the motor without further wiring. Kit includes a motor junction box and mounting hardware.

Servo Motor Performance Data

This section contains 1326AS performance data. Included is a selection list detailing the performance data of selected amplifier/motor combinations, general speed-torque curve definitions and typical speed-torque curves.

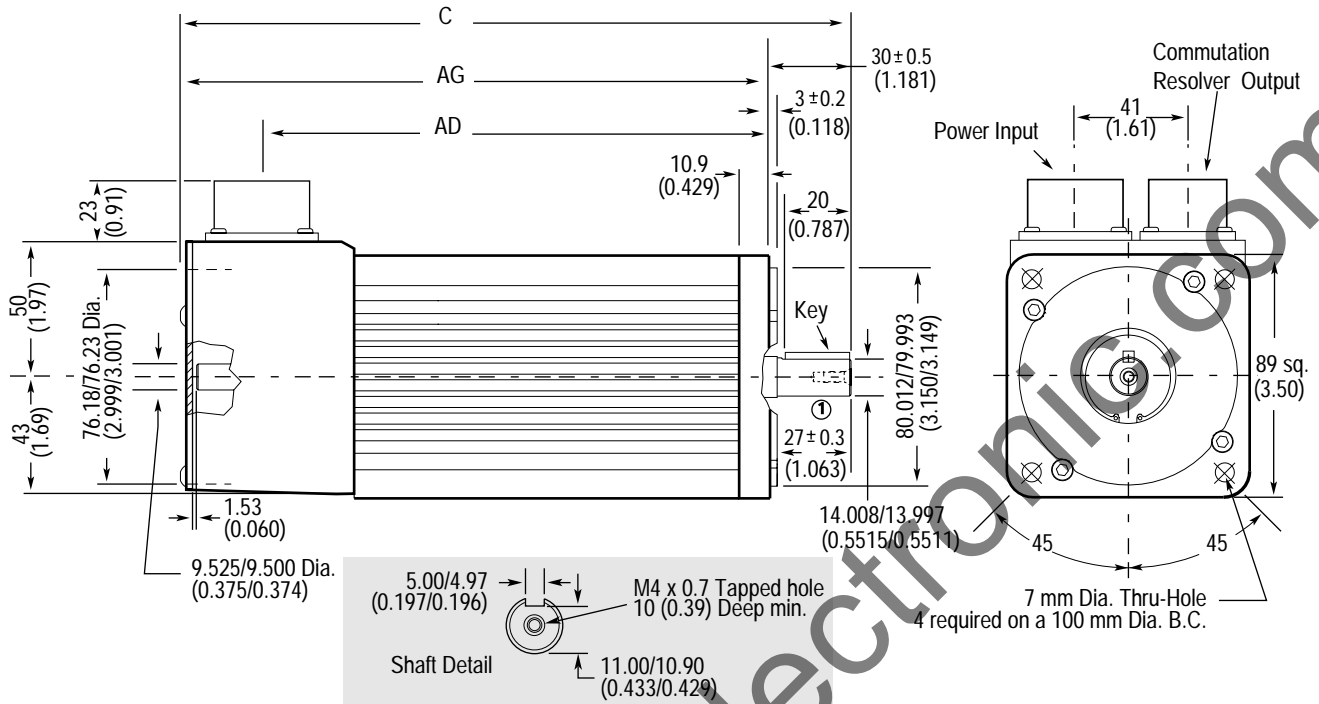
Motor Catalog Number ¹	Rated Speed rpm		Motor Rated Torque N-m (lb-in.)	Motor Rated Output kW	Rotor Inertia kg-m ² (lb-in.-s ²)	System Continuous Torque N-m (lb-in.)	System Peak Stall Torque N-m (lb-in.)	System Continuous Stall Current Amperes	System Peak Stall Current Amperes	1394 Axis Module	
	460V	380V									
1326AS-B220H	5500	5000	0.49 (4.3)	0.17	0.00003 (0.0003)	0.49 (4.3)	1.24 (11.0)	0.57	1.7	AM03	
1326AS-B310H	6200	5120	0.7 (6.1)	0.3	0.000045 (0.0004)	0.7 (6.1)	2.1 (18)	0.8	2.4	AM03	
1326AS-B330H	6500	5370	2.0 (18.0)	0.9	0.00009 (0.0008)	2.1 (18)	5.6 (50)	2.1	6.0	AM03 AM04	
1326AS-B420G	5250	4340	3.2 (28.0)	1.2	0.0003 (0.0027)	3.2 (28)	7.3 (65) ³	2.6	6.0 ³	AM03 AM04 AM07	
							9.6 (84)		7.8		
1326AS-B440G	5250	4340	6.4 (56.0)	2.0	0.0005 (0.0046)	5.3 (47) ²	10.5 (93) ³	4.5 ²	9.0 ³	AM04 AM07 AM50	
						6.4 (56)	17.6 (156)		5.4		15.0
							19.0 (168)				16.2
1326AS-B460F	4300	3550	9.0 (80.0)	2.8	0.00075 (0.0066)	6.6 (58) ²	13.1 (116) ³	4.5 ²	9.0 ³	AM04 AM07 AM50	
						9.0 (80)	21.9 (194)		6.2		15.0
							27.1 (240)				18.6
1326AS-B630F	4500	3720	10.7 (95.0)	2.4	0.0014 (0.012)	10.3 (91) ²	20.6 (182) ³	7.5 ²	15.0 ³	AM07 AM50	
						10.7 (95)	25.4 (225)		7.8		18.5
1326AS-B660E	3000	2480	21.5 (190)	3.4	0.0025 (0.022)	13.7 (121) ²	27.3 (242) ³	7.5 ²	15.0 ³	AM07 AM50 AM75	
						21.5 (190)	54.2 (480)		11.8		29.8
							54.2 (480)				29.8
1326AS-B690E	3000	2480	36.4 (322)	5.0	0.0036 (0.032)	36.4 (322)	63.6 (563) ³	19.0	33.2 ³	AM50 AM75	
							79.1 (700)		41.3		
1326AS-B840E	3000	2480	37.6 (333)	4.7	0.0063 (0.056)	37.6 (333)	59.0 (522) ³	21.2	33.2 ³	AM50 AM75	
							70.0 (620)		39.5		
1326AS-B860C	2000	1650	49.3 (436)	6.0	0.0094 (0.083)	49.3 (436)	93.0 (823) ³	17.6	33.2 ³	AM50 AM75	
							124.0 (1100)		44.4		

¹ All ratings are for 40° C (104° F) motor ambient, 100° C (212° F) case and 50° C (122° F) amplifier ambient. For extended ratings at lower ambient temperatures, contact Allen-Bradley.

² Limited by the axis module continuous current.

³ Limited by axis module peak current.

Figure 9
Motor Dimensions - 1326AS-B3 Series Servo Motor



Shaft and Pilot Tolerances

Shaft Runout	0.025 (0.001) T.I.R
Shaft Endplay	0.025 (0.001)
Pilot Eccentricity	0.08 (0.0032) T.I.R
Maximum Face Runout	0.08 (0.0032) T.I.R

Motor Name Plate



Flange Mount in millimeters and (inches)						
Catalog number	Description	AD	AG	C	Key	End milled keyway (full depth)
1326AS-B310x-21	without brake ¹	135 (5.32)	165 (6.50)	195 (7.68)	5 x 5 x 20 (0.197 x 0.197 x 0.79)	20 (0.79)
1326AS-B330x-21	without brake ¹	186 (7.32)	216 (8.50)	246 (9.68)	5 x 5 x 20 (0.197 x 0.197 x 0.79)	20 (0.79)

¹ If you are ordering a 1326AS-B3xxx-21-K3 with an optional 24V DC 2.26 N-m (20 lb-in.) brake, add 39 mm (1.54 in.) to AD, AG and C. Dimensions are per NEMA Standards MG 7-2.4.1.3 and IEC 72-1. Shaft and pilot tolerances are per DIN 42955, N tolerance.