



B Series Features

- 17, 23, 34 and 42 frame brushless servo motors
- Optimized for use with IDC's B8000 servo controls
- High Torque-to-inertia ratio for quick acceleration
- Rugged MS-style connectors, 12-ft quick-disconnect cables included

BN Series Features

- 23 and 34 frame brushless servo motors
- True NEMA dimensions (including motor shafts)
- Smooth operation/low cogging
- 12-ft jacketed cables included

Brushless Motor Comparison

	Continuous Stall Torque oz-in [N-m]	Peak Torque oz-in [N-m]	Max Speed @ 115 VAC rps [rpm]	Max Speed @ 230 VAC rps [rpm]	For Complete Motor Specs, see:
B12	24 [0.17]	63 [0.44]	100 [6000]	NA	H-53
B23	160 [1.13]	580 [4.09]	63 [3780]	100 [6000]	H-54
B23H	160 [1.13]	480 [3.39]	76 [4560]	100 [6000]	H-55
B32	493 [3.48]	853 [6.02]	37 [2220]	74 [4440]	H-56
B33	624 [4.41]	1792 [12.65]	20 [1200]	41 [2460]	H-57
B40	488 [3.45]	1328 [9.38]	27 [1620]	55 [3300]	H-58
B41	930 [6.57]	1616 [11.41]	20 [1200]	39 [2340]	H-59
B42	1328 [9.38]	4032 [28.47]	9 [540]	18 [1080]	H-60
BN21	22 [0.15]	70 [0.49]	100 [6000]	N/A	H-49
BN23	51 [0.36]	170 [1.2]	100 [6000]	N/A	H-50
BN31	108 [0.76]	320 [2.26]	79 [4750]	N/A	H-51
BN32	191 [1.35]	560 [3.96]	61 [3700]	N/A	H-52



How To Order

Motor Models	Description	Options	Description
<input type="text"/>	—	<input type="text"/>	
B12	B12 motor w/ 12-ft quick-disconnect cable	-B	24 VDC motor brake
B23	B23 motor w/ 12-ft quick-disconnect cable	-C25	25-foot cable
B23H	B23H motor w/ 12-ft quick-disconnect cable	-C50	50-foot cable
B32	B32 motor w/ 12-ft quick-disconnect cable	-C100	100-foot cable
B33	B33 motor w/ 12-ft quick-disconnect cable		
B40	B40 motor w/ 12-ft quick-disconnect cable		
B41	B41 motor w/ 12-ft quick-disconnect cable		
B42	B42 motor w/ 12-ft quick-disconnect cable		
Motor Models	Description		
<input type="text"/>			
BN21	BN21 motor with 12-foot jacketed cable		Note: Currently, no options are available for the BN motors.
BN23	BN23 motor with 12-foot jacketed cable		
BN31	BN31 motor with 12-foot jacketed cable		
BN32	BN32 motor with 12-foot jacketed cable		



To confirm your selection, review the checklist on page H-6.



