

## *Litton/Poly-Scientific* BN34 and BN42-Series with Copley Xenus Amplifier



### Features

- High precision Low noise
- Economical neodymium iron boron magnets
- Torque 20 to 160 Lb-in continuous.
- Rated speeds to 7550rpm
- Halls standard for trapezoidal commutation and Hall Velocity.
- Encoder and Reolver option for Sinusoidal commutation for precision velocity and position control.
- Accessories Gear Head, Brake options

<b>Stall Torque oz-in (Nm)</b>	<b>rpm</b>	<b>Buss Voltage</b>	<b>Stall Current</b>	<b>Motor Model</b>	<b>Amplifier Model</b>
93 (0.66)	7550	100	4.40	BN34-25AF-03	XSL-230-18
159 (1.12)	6240	100	5.8	BN34-35AF-03	XSL-230-18
231 (1.63)	4710	100	7.0	BN34-45AF-03	XSL-230-36
309 (2.10)	3920	100	8.2	BN34-55AF-03	XSL-230-36
155 (1.09)	6140	100	5.90	BN42-23AF-03	XSL-230-18
287 (2.0)	4710	100	8.2	BN42-33AF-03	XSL-230-36
407 (2.87)	3840	100	9.80	BN42-43AF-03	XSL-230-36
519 (3.66)	2820	100	10.2	BN42-53AF-03	XSL-230-36

**Xenus to BN  
WIRING**

