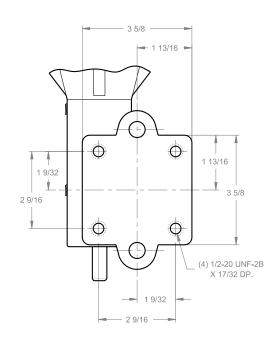
## **INTEGRATED ACTUATORS**

## 100-2000 POUND INTEGRATED BALL SCREW

BIA 51TT / HBIA 51TT BIA 201TT



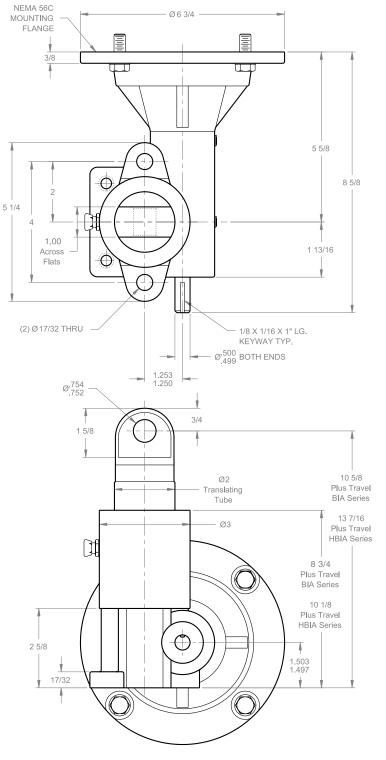
Model Number		BIA51TT*		HBIA51TT*	
		BIA201TT*		_	
Ball Screw		1" diameter .250" lead ball screw		1" diameter 1.000" lead ball screw	
Wormgear Ratio		5:1		5:1	
		20:1		_	
Worm Shaft Turns/1" Travel		20		5	
		80			
Motor RPM		1140	1725	1140	1725
Lifting Speed		57	86	228	345
Inches	Inches/Minute		21	-	-
Rated Loads (Lbs.)	1/4 HP Motor	925	625	225	100
		2000	2000	-	-
	1/3 HP Motor	1225	825	300	200
		2000	2000	-	-
	1/2 HP Motor	1850	1250	450	300
		2000	2000	_	-
	3/4 HP Motor	2000	1875	700	450
		2000	2000	-	_

Lead: The distance traveled axially in one rotation of the lifting screw.

Pitch: The distance from a point on a screw thread to a corresponding point on the next thread, measured axially.

Important Note: \*BIA & HBIA models are not self-locking. Brake motors or external locking systems are required.

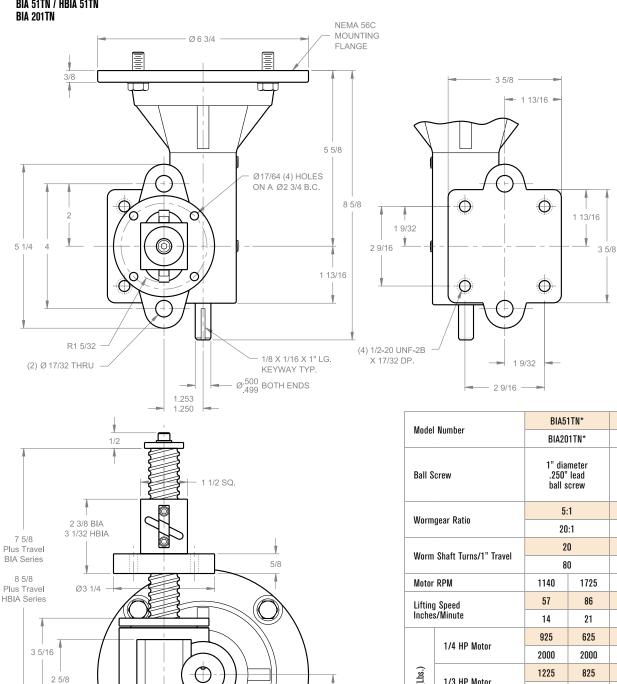
Note: Drawings are artist's conception - not for certification; dimensions are subject to change without notice.



## **INTEGRATED ACTUATORS**

**100-2000 POUND INTEGRATED BALL SCREW** 





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Ball Screw		1" diameter .250" lead ball screw		1" diameter 1.000" lead ball screw	
Wormgear Ratio		5:1		5:1	
		20:1		-	
Worm Shaft Turns/1" Travel		20		5	
		80		-	
Motor RPM		1140	1725	1140	1725
Lifting Speed Inches/Minute		57	86	228	345
		14	21	-	-
Rated Loads (Lbs.)	1/4 HP Motor	925	625	225	100
		2000	2000	-	-
	1/3 HP Motor	1225	825	300	200
		2000	2000	-	-
	1/2 HP Motor	1850	1250	450	300
		2000	2000	-	-
	3/4 HP Motor	2000	1875	700	450
		2000	2000	_	-

Lead: The distance traveled axially in one rotation of the lifting screw.

Pitch: The distance from a point on a screw thread to a corresponding point on the next thread, measured axially.

Important Note: \*BIA & HBIA models are not self-locking. Brake motors or external locking systems are required.

Note: Drawings are artist's conception - not for certification; dimensions are subject to change without notice.

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HBIA51TN\*

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