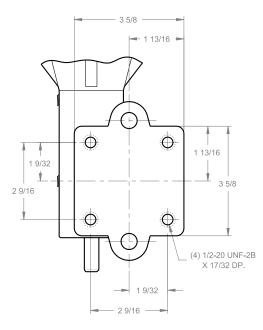
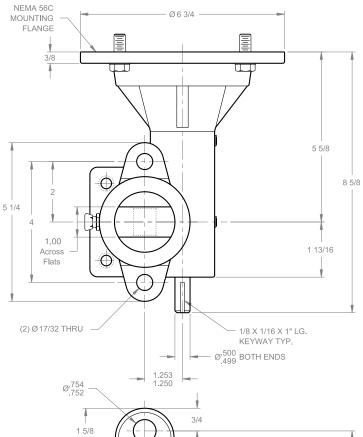
INTEGRATED ACTUATORS

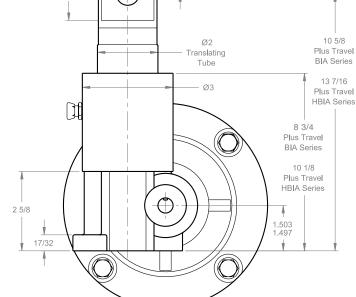
100-2000 POUND INTEGRATED BALL SCREW

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 | Motor RPM | | 1725 | 1140 | 1725 |
| Lifting Speed | | 57 | 86 | 228 | 345 |
| Inche | 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.

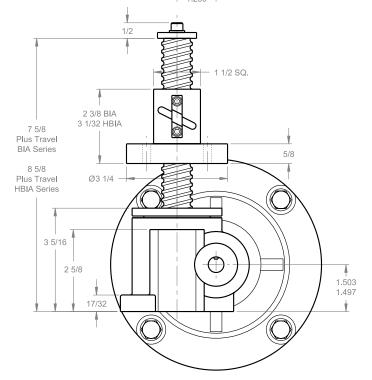
Important Note: *BIA & HBIA models not self-locking. Brake motors or external locking systems are required.

 $\label{thm:local_problem} \mbox{Note: Drawings are artist's conception} - \mbox{not for certification; dimensions are subject to change without notice.}$

INTEGRATED ACTUATORS

100-2000 POUND INTEGRATED BALL SCREW

BIA 51TN / HBIA 51TN BIA 201TN NEMA 56C MOUNTING Ø 6 3/4 FLANGE 3/8 3 5/8 1 13/16 = 5 5/8 Ø17/64 (4) HOLES ON A Ø2 3/4 B.C. \bigcirc 8 5/8 \bigcirc 1 13/16 1 9/32 5 1/4 2 9/16 3 5/8 1 13/16 \bigcirc R1 5/32 (4) 1/2-20 UNF-2B 1/8 X 1/16 X 1" LG. X 17/32 DP. 1 9/32 (2) Ø 17/32 THRU KEYWAY TYP. Ø:500 BOTH ENDS 2 9/16 ---1.253 1.250



| | | BIA51TN* | | HBIA51TN* | | |
|-------------------------------|--------------------------------|---|------|--|------|--|
| Model Number | | BIA201TN* | | IIDIATTIN | | |
| | | BIAZUTIN | | - | | |
| Ball Screw | | 1" diameter .250" lead ball screw | | 1" diameter 1.000" lead ball screw | | |
| Wormgear Ratio | | 5:1 | | 5:1 | | |
| | | 20:1 | | _ | | |
| Manne Chafa Tunna /1 Tunna | | 20 | | 5 | | |
| vvorm | Worm Shaft Turns/1" Travel | | 80 | | _ | |
| Motor | Motor RPM | | 1725 | 1140 | 1725 | |
| Lifting | Lifting Speed Inches/Minute | | 86 | 228 | 345 | |
| Inche | | | 21 | _ | - | |
| | 1/4 HP Motor | 925 | 625 | 225 | 100 | |
| | | 2000 | 2000 | _ | _ | |
| .bs.) | 1/3 HP Motor | 1225 | 825 | 300 | 200 | |
| Rated Loads (Lbs.) | | 2000 | 2000 | _ | _ | |
| d Loa | 1/2 HP Motor | 1850 | 1250 | 450 | 300 | |
| Rate | | 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 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.