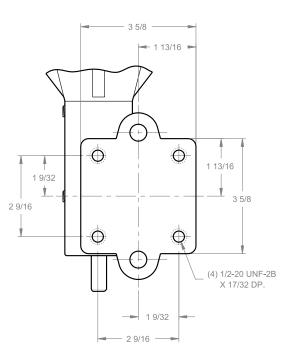
INTEGRATED ACTUATORS

NEMA 56C

250-2000 POUND INTEGRATED ACME SCREW

IA 51TT / DIA 51TT IA 201TT / DIA 201TT



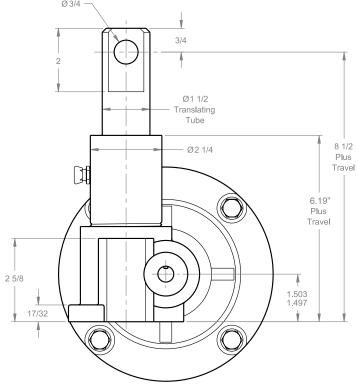
MOUNTING — Ø 6 3/4		
FLANGE		
3/8	A	A
	 5 5/8	
	5 5/6	
(+)		
		8 5/8
2		
5 1/4 4		
	Ī	
1,00 Across	1 13/16	
Flats		
(2) Ø 17/32 THRU — 1/8 X 1/16 X KEYWAY TY		
→ Ø.500 BOTH ENDS		
- 1.253 1.250		
Ø 3/4 —		

Model Number		IA51TT		DIA51TT		
		IA201TT		DIA201TT		
	Threaded g Screw	1" diameter .25" pitch		1" diameter .25" pitch .50" lead		
Wormgear Ratio		5:1		5:1		
		20:1		20:1		
Warm	Worm Shaft Turns/1" Travel		20		10	
WUTIII			80		40	
Motor	Motor RPM		1725	1140	1725	
Lifting	Lifting Speed (Inches/Minute)		86	114	172	
			21	28	43	
	1/3 HP Motor	550	375	375	250	
.bs.)		1775	1225	1250	850	
Rated Loads (Lbs.)	1/2 HP Motor	850	550	575	400	
		2000	1850	1875	1300	
	3/4 HP Motor	1250	850	875	600	
		2000	2000	2000	1950	

 $\boldsymbol{\textbf{Lead:}}$ 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: DIA models may lower under load. Brake motors or external locking systems are recommended.

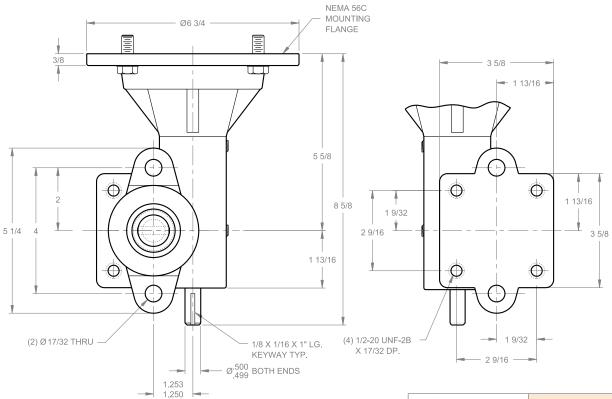


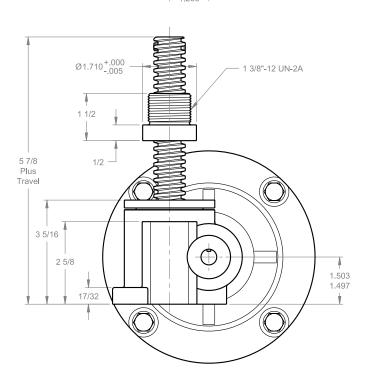
Note: Drawings are artist's conception — not for certification; dimensions are subject to change without notice.

INTEGRATED ACTUATORS

250-2000 POUND INTEGRATED ACME SCREW

IA 51TN / DIA 51TN IA 201TN / DIA 201TN





Model Number		IA51TN		DIA51TN*	
		IA201TN		DIA201TN*	
	Threaded g Screw	1" diameter .25" pitch		1" diameter .25" pitch .50" lead	
Wormgear Ratio		5:1		5:1	
		20:1		20:1	
Worm Shaft Turns/1" Travel		2	0	10	
		80		40	
Motor	RPM	1140	1725	1140 1725	
Lifting Speed Inches/Minute		57	86	114	172
		14	21	28	43
	1/3 HP Motor	550	375	375	250
.bs.)		1775	1225	1250	850
1/2 HP Motor	1 (0 UD M-1	850	550	575	400
	2000	1850	1875	1300	
	3/4 HP Motor	1250	850	875	600
		2000	2000	2000	1950

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: *DIA models may lower under load. Brake motors or external locking systems are recommended.

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