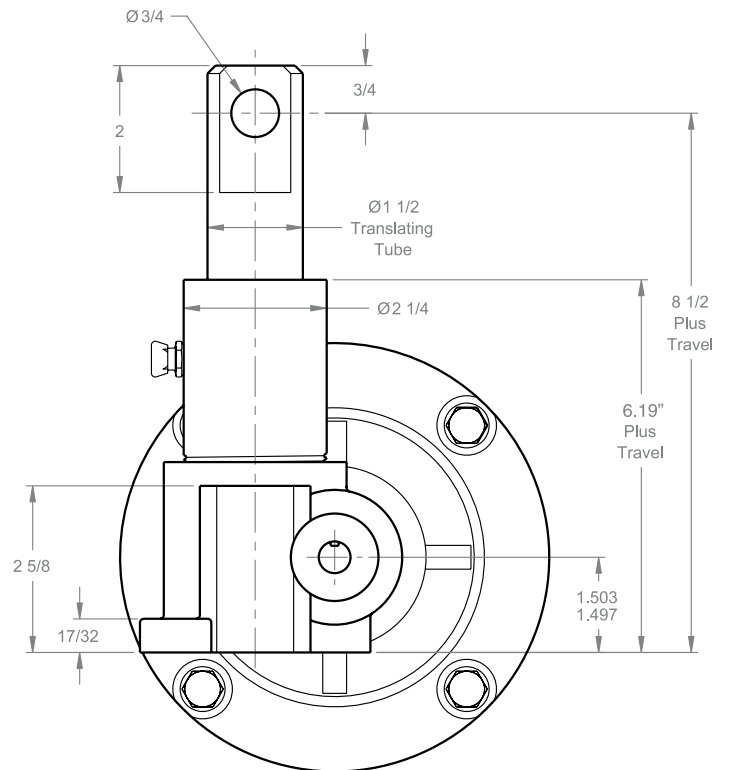
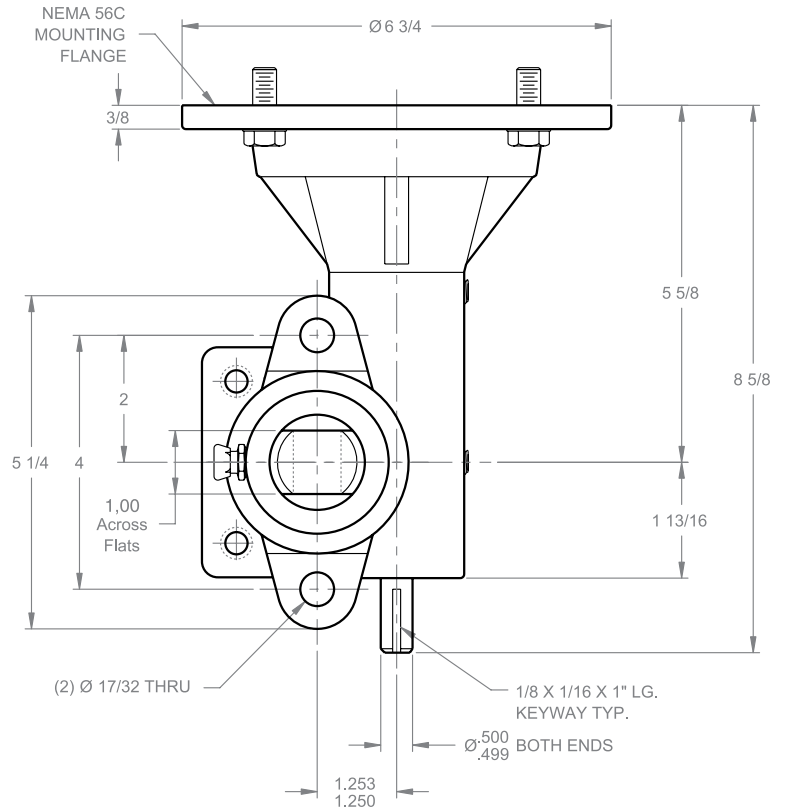
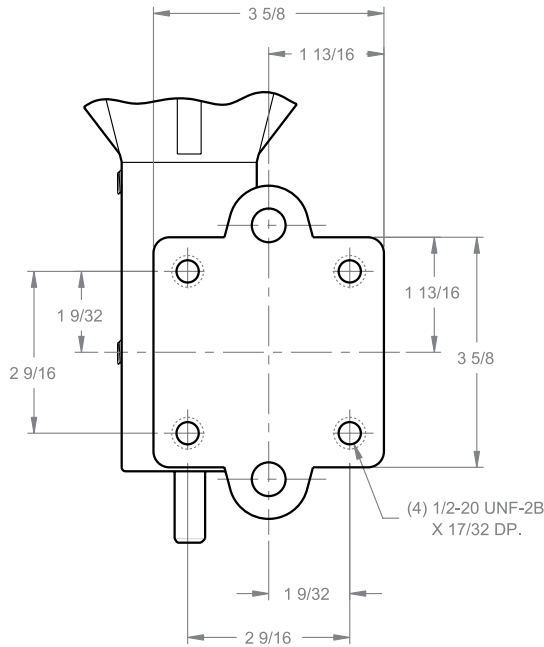


# INTEGRATED ACTUATORS

## 250-2000 POUND INTEGRATED ACME SCREW

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



Model Number	IA51TT		DIA51TT		
	IA201TT		DIA201TT		
ACME Threaded Lifting 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	20		10		
	80		40		
Motor RPM	1140	1725	1140	1725	
Lifting Speed (Inches/Minute)	57	86	114	172	
Rated Loads (Lbs.)	1/3 HP Motor	550	375	375	250
		1775	1225	1250	850
	1/2 HP Motor	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.

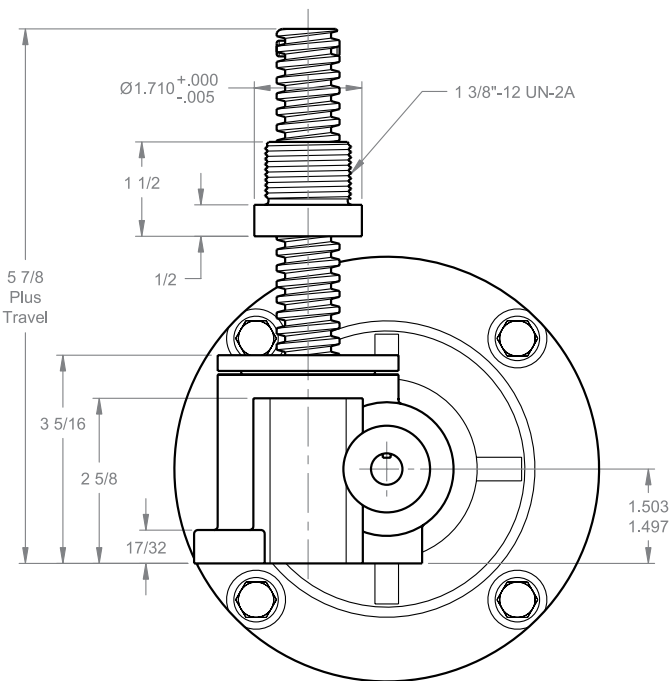
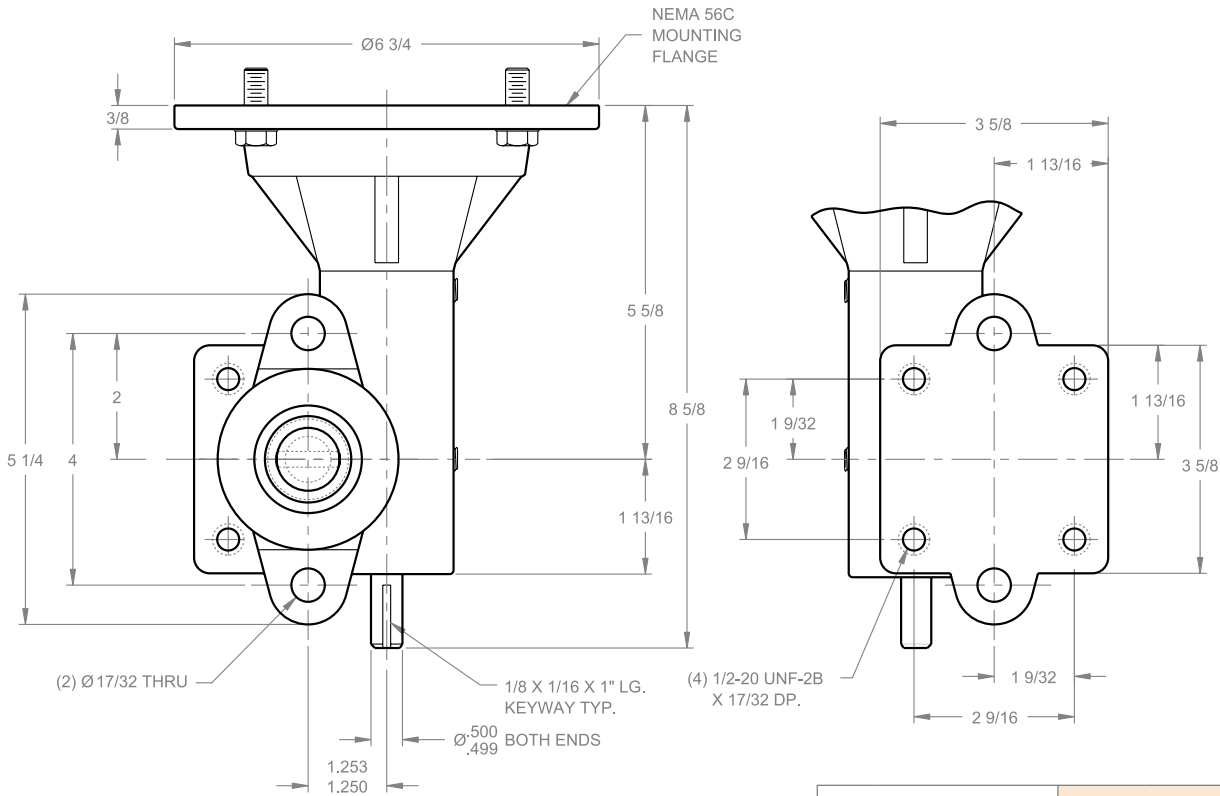
**Important Note:** DIA models may lower under load. Brake motors or external locking systems are recommended.

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

# INTEGRATED ACTUATORS

## 250-2000 POUND INTEGRATED ACME SCREW

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



Model Number	IA51TN		DIA51TN*		
	IA201TN		DIA201TN*		
ACME Threaded Lifting 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	20		10		
	80		40		
Motor RPM	1140	1725	1140	1725	
Lifting Speed Inches/Minute	57	86	114	172	
	14	21	28	43	
Rated Loads (Lbs.)	1/3 HP Motor	550	375	375	250
		1775	1225	1250	850
	1/2 HP Motor	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.