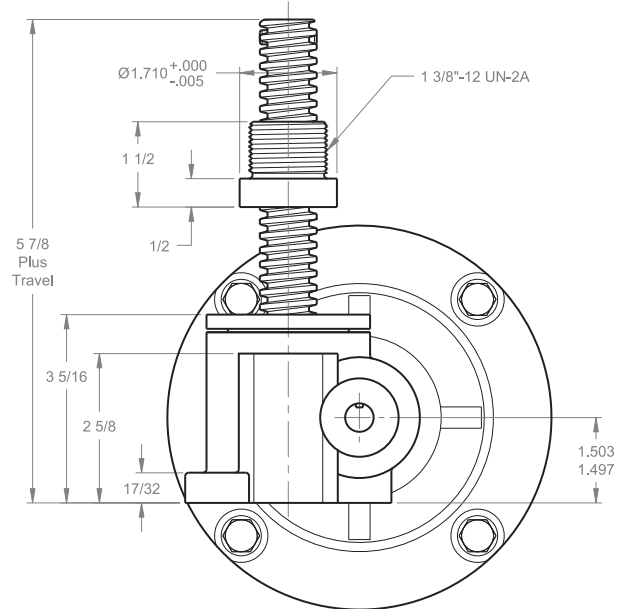
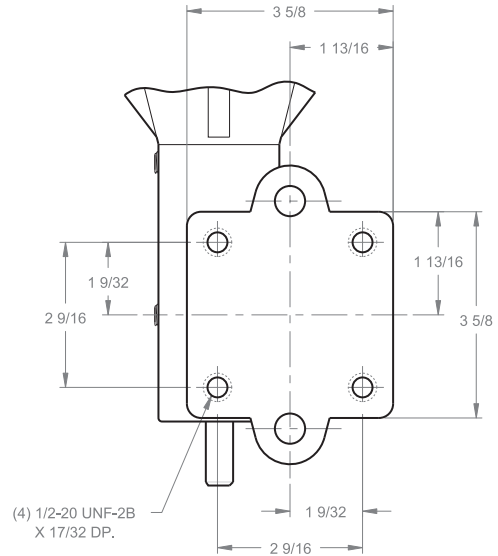
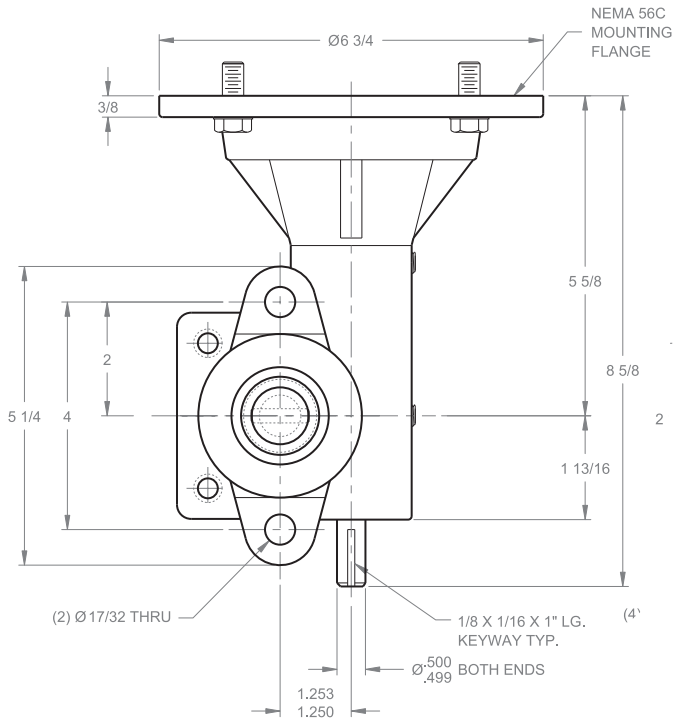


INTEGRATED ACTUATORS

250-2000 POUND INTEGRATED ACME SCREW

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



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

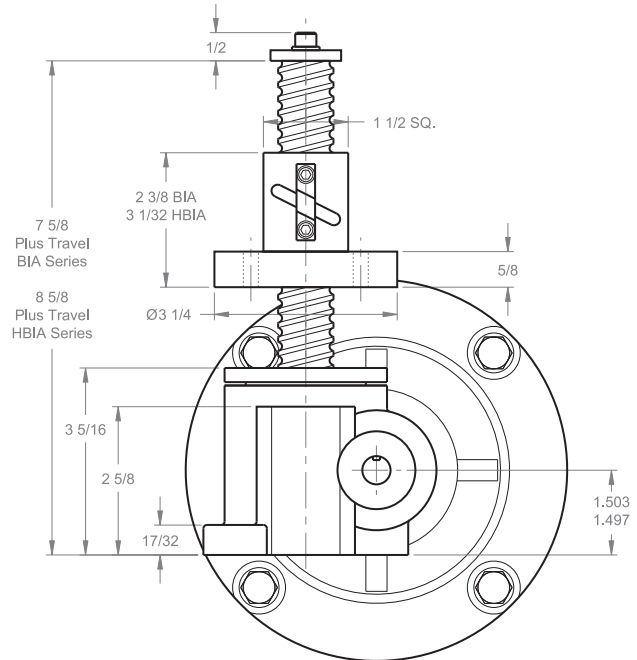
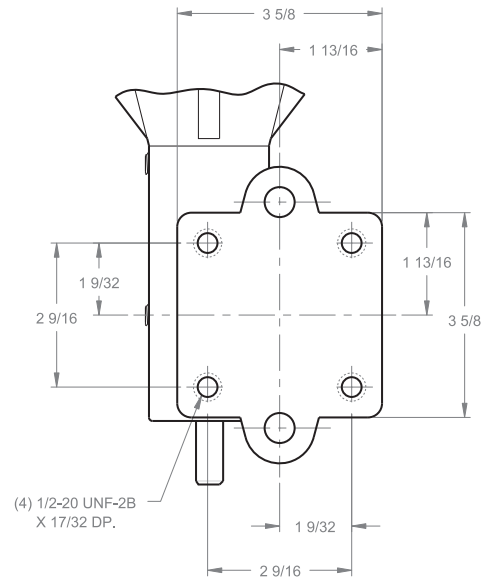
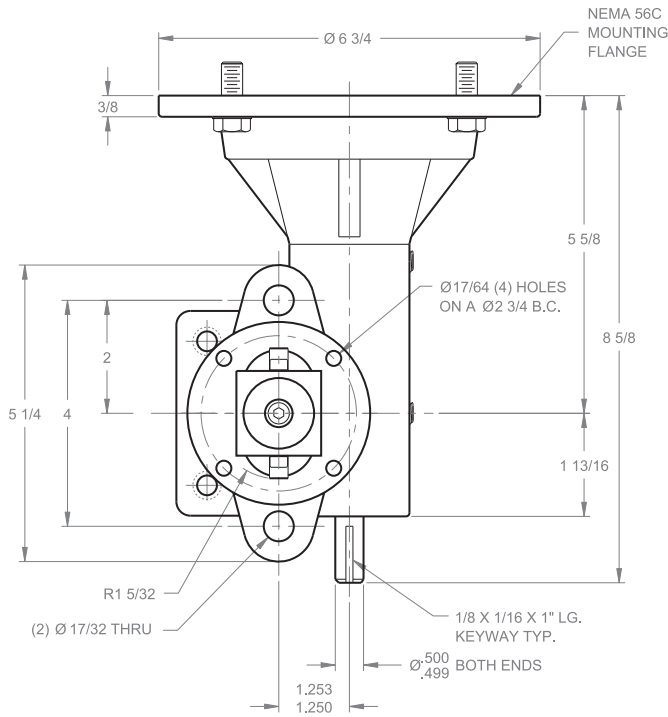
Important Note: DIA models may lower under load. Brake motors or external locking systems are recommended.

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

INTEGRATED ACTUATORS

100-2000 POUND INTEGRATED BALL SCREW

BIA 51TN / HBIA 51TN
BIA 201TN



Model Number	ACME Threaded Lifting Screw	Wormgear Ratio	Worm Shaft Turns/1" Travel	Motor RPM	Lifting Speed (Inches/Minute)	Rated Load (lbs.) with given motor size			
						1/4 HP Motor	1/3 HP Motor	1/2 HP Motor	3/4 HP Motor
BIA51TN	1" diameter .250" lead ball screw	5:1	20	1140	57	925	1225	1850	2000
				1725	86	625	825	1250	1875
BIA201TT	1" diameter .250" lead ball screw	20:1	80	1140	14	2000	2000	2000	2000
				1725	21	2000	2000	2000	2000
HBIA51TT	1" diameter 1.000" lead ball screw	5:1	5	1140	228	225	300	450	700
				1725	345	100	200	300	450

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.