

Travel (mm)	100	200	300	400	500	600	700	800	900	1000	1250	1500	1750	2000
Overall Height (mm)	70													
Width (mm)	150													
Positional Accuracy (microns)														
Commercial Grade	14	22	28	39	45	48	92	94	103	105	118	134	154	159
Precision Grade	12	14	15	20	25	50	-	-	-	-	-	-	-	-
Straightness & Flatness (microns)														
Commercial & Precision Grade	10	14	17	23	30	33	40	46	50	55	76	95	115	135
Bi-directional Repeatability, open loop														
Commercial Grade (microns)	+/- 3						+/-5							
Precision Grade (microns)	+/- 1.3						N/A							
Load Capacity, Normal (kg) (max)	630													
Axial Load Capacity (kg)														
Commercial Grade	200													
Precision Grade	90													
Acceleration (max) (m/sec ²)	20													
Moving Mass (kg)	2.8													
Total Mass (kg)	8.9	10.2	11.5	12.8	14.0	15.4	19.4	20.9	22.4	23.9	27.8	31.6	35.4	40.1
Ballscrew Diameter (mm)	16							25						
Duty Cycle (%)	100													
Ballscrew Efficiency	90							80						
Max. Breakaway Torque (oz-in)	18							55						
Max. Running Torque (oz-in)	16							48						
Ballscrew Lead Available (mm)	5, 10							5, 10, 25						
Input Inertia (10 ⁻⁵ kg-m ²)	3.8	4.4	5	5.5	6.1	6.7	37	40.4	43.9	47.3	56	64.5	73.2	81.9
Max. Ballscrew Speed (rev/sec)	80						60	50	40	35	24	16	13	11