

The following Chart provides the minimum life expectancy in total meters of travel for the ball screws.

MODEL	Operating Load (kN)	MINIMUM METERS OF TRAVEL		Page Number
		UPRIGHT & INVERTED	UPRIGHT & INVERTED ROTATING	
		Standard (mm)	Standard (mm)	
EM05-BSJ	4	34,295	42,869	321
	2	274,360	342,950	
	1	2,194,880	2,743,600	
EM1-BSJ	8	21,455	26,819	322
	5	87,880	109,850	
	2.5	703,040	878,800	
EM2.5-BSJ	22	2,793	3,716	323
	12	18,321	22,901	
	6	146,565	183,206	
EM5-BSJ	44	28,660	35,825	324
	22	229,283	286,604	
	10	2,441,406	3,051,758	
EM10-BSJ	88	6,315	7,894	325
	44	50,522	63,153	
	22	404,178	505,223	
EM20-BSJ	170	6,702	8,378	326
	85	53,618	67,023	
	42	444,444	555,555	

LEAD ACCURACY

The metric rolled thread ball screw, as employed in ActionJac™ products, is held within .1mm per 300 mm cumulative from nominal dimension. Jacks can be matched to within ±.05mm per 300mm when ordered as matched sets. Special ground threads having lead accuracies of .013mm per 300mm can be provided if necessary.

BACKLASH

Axial backlash ranges from .2 to .5 mm. Specify optional selective fit lift shaft for 0.13 to 0.2mm backlash.

MATERIAL HARDNESS

Ball screws have a race hardness of Rockwell C 58 minimum. Core hardness will run from Rc 20 to 35.

NOTES:

- Refer to Lubrication Instructions in order to obtain maximum life from ball screw assemblies
- These values may be greatly reduced if the units are subjected to misalignment, shock loads, side thrust, contamination or lack of proper lubrication and maintenance.