

ROLLING BEARING PILLOW BLOCKS

The superiority of LEE LINEAR® Roller Bearing Pillow Blocks is inherent in the design. Available in single, double, and twin options, LEE Roller Bearing Pillow Blocks offer the following advantages over standard pillow blocks:

Easy Clearance Adjustment

The adjustable eccentric stud feature on the LEE Roller Bearing Pillow Block allows for simple radial clearance adjustment. The adjustment can accommodate “very loose” to slight “preload” conditions.

Self-Aligning

LEE designed the Roller Bearing Pillow Block with a higher shaft deflection tolerance and self alignment for ease of use.

Corrosion Resistant

With aluminum bodies and black oxide finished rollers, LEE LINEAR® Roller Bearing Pillow Blocks provide good corrosion resistance.

Operate at Higher Speeds

LEE LINEAR® Roller Bearing Pillow Blocks have larger “rolling” diameters to significantly increase operational speed, acceleration, and smoothness.

It's Easy to Switch to LEE LINEAR® Roller Bearing Pillow Blocks

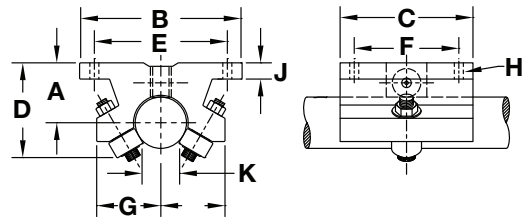
LEE LINEAR® Roller Bearing Pillow Blocks have the same hole locations and critical dimensions as most other linear pillow blocks of the same shaft diameter size.

ROLLER BEARING PILLOW BLOCK TYPES

LEE offers single, twin, and double Roller Bearing Pillow Block types in various shaft diameters.

SINGLE PILLOW BLOCK

Low friction Single Pillow Blocks are selected for standard linear movement or for situations with severe shaft deflection. Self Aligning LEE LINEAR® Single Pillow Blocks can handle misalignment.



DIMENSIONS & LOAD RATINGS FOR SINGLE PILLOW BLOCKS

SINGLE PILLOW BLOCK MODEL #	SHAFT DIA.	DYN. LOAD RATING	WT. (LBS)	A ±.003	B	C	D	E ±.005	F ±.005	G	H		J	K
											BOLT	HOLE		
SPB-8-OPN	1/2	400	0.400	0.687	2	1-1/2	1-5/32	1.688	1.000	1	#6	5/32	.240	5/16
SPB-10-OPN	5/8	500	0.500	0.875	2-1/2	1-3/4	1-13/32	2.125	1.125	1-1/16	#8	3/16	.270	3/8
SPB-12-OPN	3/4	600	0.600	0.937	2-3/4	1-7/8	1-9/16	2.375	1.250	1-1/16	#8	3/16	.303	7/16
SPB-16-OPN	1	955	1.000	1.187	3-1/4	2-5/8	2	2.875	1.750	1-3/8	#10	7/32	.360	11/16
SPB-20-OPN	1-1/4	1400	2.000	1.500	4	3-3/8	2-9/16	3.500	2.000	1-3/4	#10	7/32	.424	13/16
SPB-24-OPN	1-1/2	1660	2.800	1.750	4-3/4	3-3/4	2-7/8	4.125	2.500	1-7/8	1/4	9/32	.474	1-1/16
SPB-32-OPN	2	2400	5.000	2.125	6	4-3/4	3-1/2	5.250	3.250	2-1/2	3/8	13/32	.600	1-3/8
SPB-48-OPN	3	6260	14.000	3.500	8-3/8	5-1/2	5-1/2	7.000	4.000	3-5/8	5/8	21/32	1.000	2-1/8