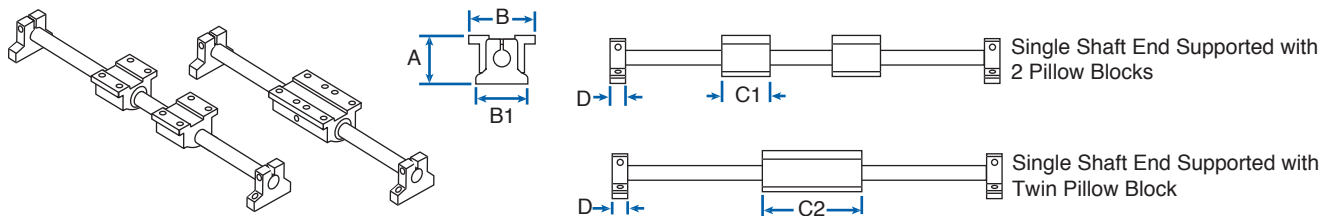


SERIES 121: SINGLE SHAFT END SUPPORTED SYSTEM



SINGLE SHAFT END SUPPORTED WITH 2 PILLOW BLOCKS

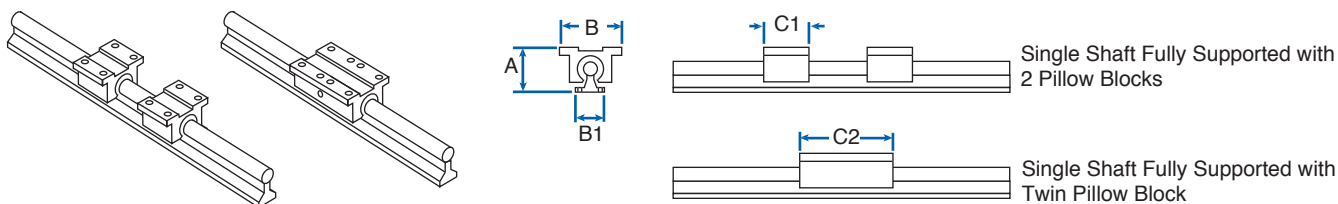
| PART NO. | NOM. SHAFT DIA. (in.) | LOAD (lbf)* MAX/BLOCK | DIMENSION (inches) | | | | | PILLOW BLOCK** | END SUPPORT* |
|------------|-----------------------|--------------------------|--------------------|------|------|------|------|----------------|--------------|
| | | | A ±.003 | B | B1 | C1 | D | | |
| 121-06-SXX | 3/8 | 68 | 1.250 | 1.75 | 1.63 | 1.31 | 0.56 | XEP-6 | NSB-6 |
| 121-08-SXX | 1/2 | 175 | 1.687 | 2.00 | 2.00 | 1.69 | 0.63 | XEP-8 | NSB-8 |
| 121-12-SXX | 3/4 | 406 | 2.187 | 2.75 | 2.75 | 2.06 | 0.75 | XEP-12 | NSB-12 |
| 121-16-SXX | 1 | 725 | 2.687 | 3.25 | 3.25 | 2.81 | 1.00 | XEP-16 | NSB-16 |
| 121-24-SXX | 1-1/2 | 1,376 | 3.750 | 4.75 | 4.75 | 4.00 | 1.25 | XEP-24 | NSB-24 |

SINGLE SHAFT END SUPPORTED WITH TWIN PILLOW BLOCK

| PART NO. | NOM. SHAFT DIA. (in.) | LOAD (lbf)* MAX/BLOCK | DIMENSION (inches) | | | | | MAX. STROKE LENGTH (in.) | PILLOW BLOCK** | END SUPPORT* |
|------------|-----------------------|--------------------------|--------------------|------|------|------|------|--------------------------|----------------|--------------|
| | | | A ±.003 | B | B1 | C2 | D | | | |
| 121-06-TXX | 3/8 | 136 | 1.250 | 1.75 | 1.63 | 2.75 | 0.56 | L-(3.88) | TEP-6 | NSB-6 |
| 121-08-TXX | 1/2 | 350 | 1.687 | 2.00 | 2.00 | 3.50 | 0.63 | L-(4.75) | TEP-8 | NSB-8 |
| 121-12-TXX | 3/4 | 812 | 2.187 | 2.75 | 2.75 | 4.50 | 0.75 | L-(6.00) | TEP-12 | NSB-12 |
| 121-16-TXX | 1 | 1,450 | 2.687 | 3.25 | 3.25 | 6.00 | 1.00 | L-(8.00) | TEP-16 | NSB-16 |
| 121-24-TXX | 1-1/2 | 2,752 | 3.750 | 4.75 | 4.75 | 9.00 | 1.25 | L-(11.50) | TEP-24 | NSB-24 |

* Based on horizontal load, equally distributed to each bearing with a travel life of 2 million inches. ** See pages 231-232 for details. XX = shaft length - see page 241.

SERIES 131: SINGLE SHAFT FULLY SUPPORTED SYSTEM



SINGLE SHAFT FULLY SUPPORTED WITH 2 PILLOW BLOCKS

| PART NO. | NOM. SHAFT DIA. (in.) | LOAD (lbf)* MAX/BLOCK | DIMENSION (inches) | | | | PILLOW BLOCK** |
|------------|-----------------------|--------------------------|--------------------|------|------|------|----------------|
| | | | A ±.003 | B | C1 | B1 | |
| 131-08-SXX | 1/2 | 152 | 1.812 | 2.00 | 1.69 | 1.50 | XEP-08-OPN |
| 131-12-SXX | 3/4 | 398 | 2.437 | 2.75 | 2.06 | 1.75 | XEP-12-OPN |
| 131-16-SXX | 1 | 711 | 2.937 | 3.25 | 2.81 | 2.13 | XEP-16-OPN |
| 131-24-SXX | 1-1/2 | 1,346 | 4.250 | 4.75 | 4.00 | 3.00 | XEP-24-OPN |

SINGLE SHAFT FULLY SUPPORTED WITH TWIN PILLOW BLOCK

| PART NO. | NOM. SHAFT DIA. (in.) | LOAD (lbf)* MAX/BLOCK | DIMENSION (inches) | | | | PILLOW BLOCK** |
|------------|-----------------------|--------------------------|--------------------|------|------|------|----------------|
| | | | A ±.003 | B | C2 | B1 | |
| 131-08-TXX | 1/2 | 304 | 1.812 | 2.00 | 3.50 | 1.50 | TEP-08-OPN |
| 131-12-TXX | 3/4 | 796 | 2.437 | 2.75 | 4.50 | 1.75 | TEP-12-OPN |
| 131-16-TXX | 1 | 1,422 | 2.937 | 3.25 | 6.00 | 2.13 | TEP-16-OPN |
| 131-24-TXX | 1-1/2 | 2,692 | 4.250 | 4.75 | 9.00 | 3.00 | TEP-24-OPN |

* Based on horizontal load, equally distributed to each bearing with a travel life of 2 million inches. ** See pages 231-232 for details. XX = shaft length - see page 241.

PRECISION LINEAR SLIDE SYSTEMS TECHNICAL DATA