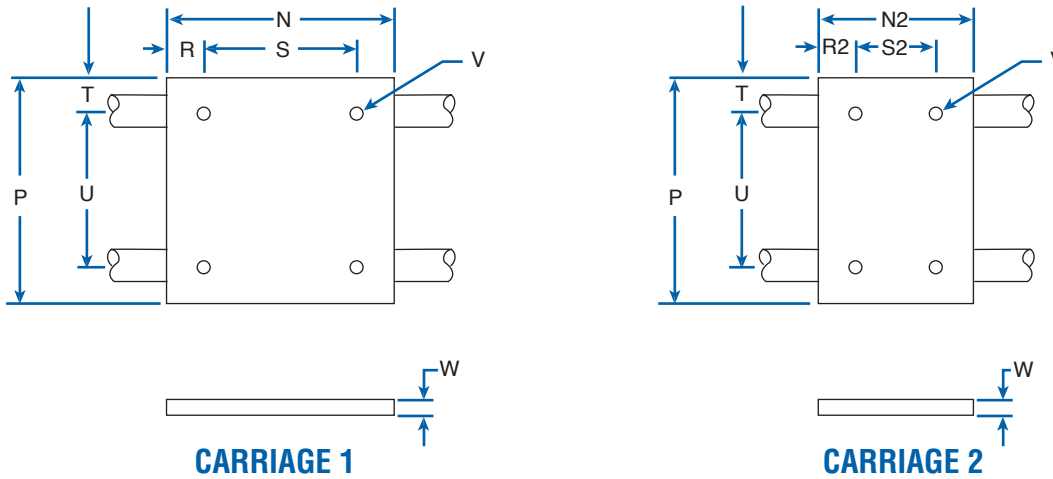


CARRIAGE MOUNTING PLATES

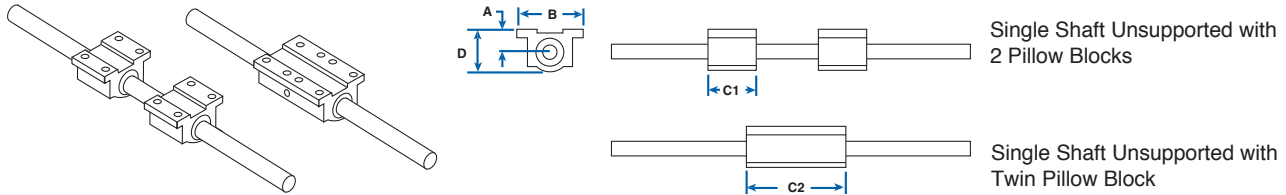


CARRIAGE MOUNTING PLATES

NOMINAL SHAFT DIA.	DIMENSION (inches)										
	CARRIAGE 1			COMMON TO CARRIAGE 1 & 2					CARRIAGE 2		
	N	R	S	P	T	U	V	W	N2	R2	S2
1/2	5.50	.500	4.50	5.50	1.125	3.25	1/4-20	.375	3.50	.50	2.50
3/4	7.50	.750	6.00	7.50	1.500	4.50	5/16-18	.50	4.50	.75	3.00
1	9.00	1.000	7.00	9.00	1.750	5.50	3/8-16	.50	6.00	1.00	4.00
1-1/2	13.00	1.500	10.00	13.00	2.500	8.00	1/2-13	.75	9.00	1.50	6.00

Material: Aluminum Alloy Black Anodized

SERIES 111: SINGLE SHAFT UNSUPPORTED SYSTEM



SINGLE SHAFT UNSUPPORT WITH 2 PILLOW BLOCKS

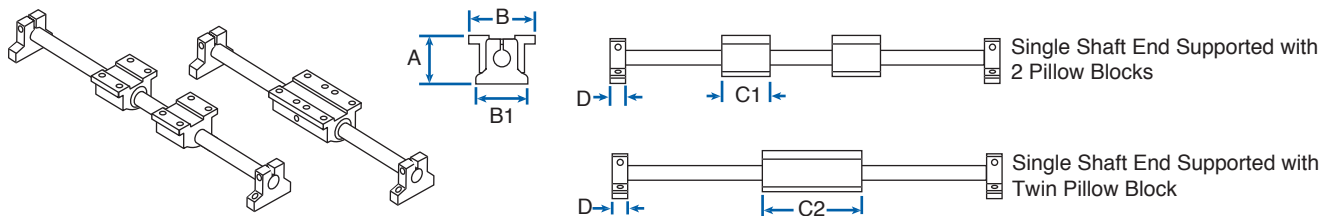
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/BLOCK	DIMENSION (inches)				PILLOW BLOCK**
			A ±.001	B	C1	D	
111-06-SXX	3/8	68	0.500	1.75	1.31	0.94	XEP-6
111-08-SXX	1/2	175	0.687	2.00	1.69	1.25	XEP-8
111-12-SXX	3/4	406	0.937	2.75	2.06	1.75	XEP-12
111-16-SXX	1	725	1.187	3.25	2.81	2.19	XEP-16
111-24-SXX	1-1/2	1,376	1.750	4.75	4.00	3.25	XEP-24

SINGLE SHAFT UNSUPPORTED WITH TWIN PILLOW BLOCKS

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/BLOCK	DIMENSION (inches)				PILLOW BLOCK**
			A ±.001	B	C2	D	
111-06-TXX	3/8	136	0.500	1.75	2.75	0.94	TEP-6
111-08-TXX	1/2	350	0.687	2.00	3.50	1.25	TEP-8
111-12-TXX	3/4	812	0.937	2.75	4.50	1.75	TEP-12
111-16-TXX	1	1,450	1.187	3.25	6.00	2.19	TEP-16
111-24-TXX	1-1/2	2,752	1.750	4.75	9.00	3.25	TEP-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 121: SINGLE SHAFT END SUPPORTED SYSTEM



SINGLE SHAFT END SUPPORTED WITH 2 PILLOW BLOCKS

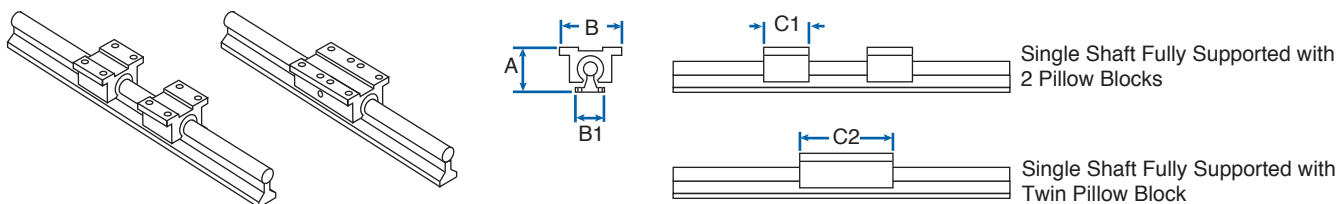
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/BLOCK	DIMENSION (inches)					PILLOW BLOCK**	END SUPPORT*
			A ±.003	B	B1	C1	D		
121-06-SXX	3/8	68	1.250	1.75	1.63	1.31	0.56	XEP-6	NSB-6
121-08-SXX	1/2	175	1.687	2.00	2.00	1.69	0.63	XEP-8	NSB-8
121-12-SXX	3/4	406	2.187	2.75	2.75	2.06	0.75	XEP-12	NSB-12
121-16-SXX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

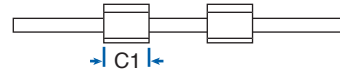
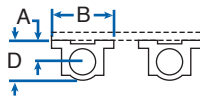
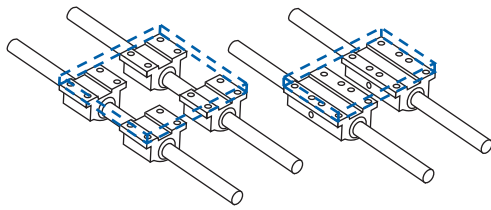
SINGLE SHAFT FULLY SUPPORTED WITH TWIN PILLOW BLOCK

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

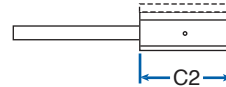
* Based on horizontal load, equally distributed to each bearing with a travel life of 2 million inches. ** See pages 231-232 for details. XX = shaft length - see page 241.

PRECISION LINEAR SLIDE SYSTEMS TECHNICAL DATA

SERIES 112: DOUBLE SHAFT UNSUPPORTED SYSTEM



Double Shaft Unsupported with 4 Pillow Blocks



Double Shaft Unsupported with 2 Twin Pillow Blocks

DOUBLE SHAFT UNSUPPORTED WITH 4 PILLOW BLOCKS

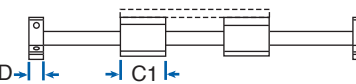
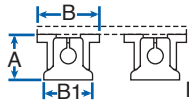
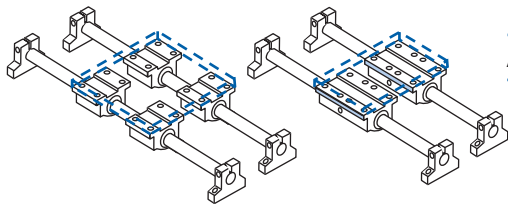
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)				PILLOW BLOCK**
		MAX/SYSTEM	MAX/BLOCK	A ±.001	B	C1	D	
112-06-SXX	3/8	272	68	0.500	1.75	1.31	0.94	XEP-6
112-08-SXX	1/2	700	175	0.687	2.00	1.69	1.25	XEP-8
112-12-SXX	3/4	1,624	406	0.937	2.75	2.06	1.75	XEP-12
112-16-SXX	1	2,900	725	1.187	3.25	2.81	2.19	XEP-16
112-24-SXX	1-1/2	5,504	1,376	1.750	4.75	4.00	3.25	XEP-24

DOUBLE SHAFT UNSUPPORTED WITH 2 TWIN PILLOW BLOCKS

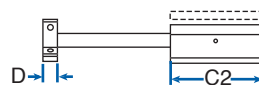
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)				PILLOW BLOCK**
		MAX/SYSTEM	MAX/BLOCK	A ±.001	B	C2	D	
112-06-TXX	3/8	272	136	0.500	1.75	2.75	0.94	TEP-6
112-08-TXX	1/2	700	350	0.687	2.00	3.50	1.25	TEP-8
112-12-TXX	3/4	1,624	812	0.937	2.75	4.50	1.75	TEP-12
112-16-TXX	1	2,900	1,450	1.187	3.25	6.00	2.19	TEP-16
112-24-TXX	1-1/2	5,504	2,752	1.750	4.75	9.00	3.25	TEP-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 122: DOUBLE SHAFT END SUPPORTED SYSTEM



Double Shaft End Supported with 4 Pillow Blocks



Double Shaft End Supported with 2 Twin Pillow Blocks

DOUBLE SHAFT END SUPPORTED WITH 4 PILLOW BLOCKS

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)					PILLOW BLOCK**	END SUPPORT*
		MAX/SYSTEM	MAX/BLOCK	A ±.003	B	B1	C1	D		
122-06-SXX	3/8	272	68	1.250	1.75	1.63	1.31	0.56	XEP-6	NSB-6
122-08-SXX	1/2	700	175	1.687	2.00	2.00	1.69	0.63	XEP-8	NSB-8
122-12-SXX	3/4	1,624	406	2.187	2.75	2.75	2.06	0.75	XEP-12	NSB-12
122-16-SXX	1	2,900	725	2.687	3.25	3.25	2.81	1.00	XEP-16	NSB-16
122-24-SXX	1-1/2	5,504	1,376	3.750	4.75	4.75	4.00	1.25	XEP-24	NSB-24

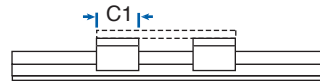
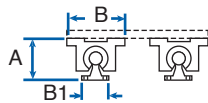
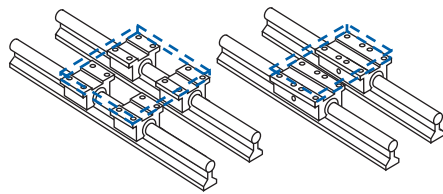
DOUBLE SHAFT END SUPPORTED WITH 2 TWIN PILLOW BLOCKS

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)					MAX. STROKE LENGTH (in.)	PILLOW BLOCK**	END SUPPORT*
		MAX/SYSTEM	MAX/BLOCK	A ±.003	B	B1	C2	D			
122-06-TXX	3/8	272	136	1.250	1.75	1.63	2.75	0.56	L-(3.88)	TEP-6	NSB-6
122-08-TXX	1/2	700	350	1.687	2.00	2.00	3.50	0.63	L-(4.75)	TEP-8	NSB-8
122-12-TXX	3/4	1,624	812	2.187	2.75	2.75	4.50	0.75	L-(6.00)	TEP-12	NSB-12
122-16-TXX	1	2,900	1,450	2.687	3.25	3.25	6.00	1.00	L-(8.00)	TEP-16	NSB-16
122-24-TXX	1-1/2	5,504	2,752	3.750	4.75	4.75	9.00	1.25	L-(11.50)	TEP-24	NSB-24

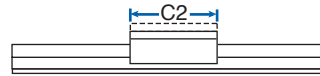
* Based on horizontal load, equally distributed to each bearing with a travel life of 2 million inches. ** See pages 231-232 for details. XX = shaft length - see page 241.

The specifications and data in this publication are believed to be accurate and reliable. However, it is the responsibility of the product user to determine the suitability of Nook Industries products for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement.

SERIES 132: DOUBLE SHAFT FULLY SUPPORTED SYSTEM



Double Shaft Fully Supported with 4 Pillow Blocks



Double Shaft Fully Supported with 2 Twin Pillow Blocks

DOUBLE SHAFT FULLY SUPPORTED WITH 4 PILLOW BLOCKS

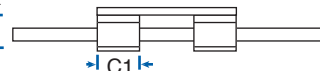
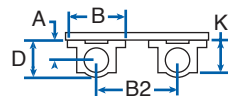
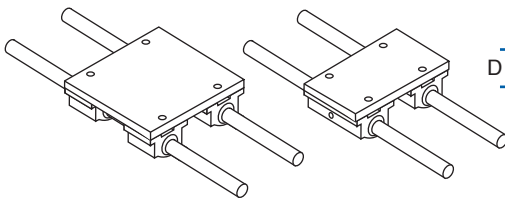
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)				PILLOW BLOCK**
		MAX/SYSTEM	MAX/BLOCK	A ±.003	B	B1	C1	
132-08-SXX	1/2	608	152	1.812	2.00	1.50	1.69	XEP-8-OPN
132-12-SXX	3/4	1,584	398	2.437	2.75	1.75	2.06	XEP-12-OPN
132-16-SXX	1	2,844	711	2.937	3.25	2.13	2.81	XEP-16-OPN
132-24-SXX	1-1/2	5,384	1,346	4.250	4.75	3.00	4.00	XEP-24-OPN

DOUBLE SHAFT FULLY SUPPORTED WITH 2 TWIN PILLOW BLOCKS

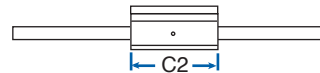
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)*		DIMENSION (inches)				PILLOW BLOCK**
		MAX/SYSTEM	MAX/BLOCK	A ±.003	B	B1	C2	
132-08-TXX	1/2	608	304	1.812	2.00	1.50	3.50	TEP-8-OPN
132-12-TXX	3/4	1,584	796	2.437	2.75	1.75	4.50	TEP-12-OPN
132-16-TXX	1	2,844	1,422	2.937	3.25	2.13	6.00	TEP-16-OPN
132-24-TXX	1-1/2	5,384	2,692	4.250	4.75	3.00	9.00	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.

SERIES 113: DOUBLE SHAFT UNSUPPORTED SYSTEM WITH CARRIAGE



Double Shaft Unsupported with 4 Pillow Blocks and Carriage 1



Double Shaft Unsupported with 2 Twin Pillow Blocks and Carriage 2

DOUBLE SHAFT UNSUPPORTED WITH 4 PILLOW BLOCKS AND CARRIAGE 1

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)					PILLOW BLOCK**
			A ±.001	B	B2	C1	D	
113-08-SXX	1/2	700	0.687	2.00	3.25	1.69	1.25	XEP-8
113-12-SXX	3/4	1,624	0.937	2.75	4.50	2.06	1.75	XEP-12
113-16-SXX	1	2,900	1.187	3.25	5.50	2.81	2.19	XEP-16
113-24-SXX	1-1/2	5,504	1.750	4.75	8.00	4.00	3.25	XEP-24

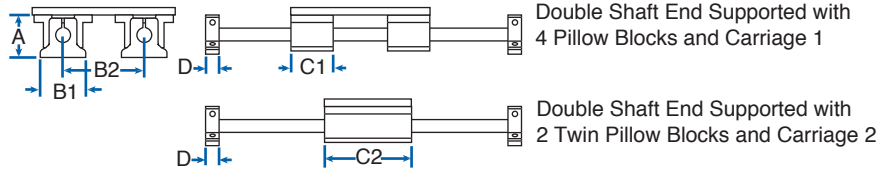
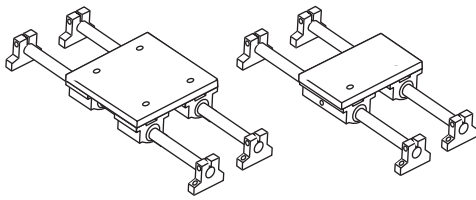
DOUBLE SHAFT UNSUPPORTED WITH 2 TWIN PILLOW BLOCKS AND CARRIAGE 2

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)					PILLOW BLOCK**
			A ±.001	B	B2	C2	D	
113-08-TXX	1/2	700	0.687	2.00	3.25	3.50	1.25	TEP-8
113-12-TXX	3/4	1,624	0.937	2.75	4.50	4.50	1.75	TEP-12
113-16-TXX	1	2,900	1.187	3.25	5.50	6.00	2.19	TEP-16
113-24-TXX	1-1/2	5,504	1.750	4.75	8.00	9.00	3.25	TEP-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.

PRECISION LINEAR SLIDE SYSTEMS TECHNICAL DATA

SERIES 123: DOUBLE SHAFT END SUPPORTED SYSTEM WITH CARRIAGE



DOUBLE SHAFT END SUPPORTED WITH 4 PILLOW BLOCKS AND CARRIAGE 1

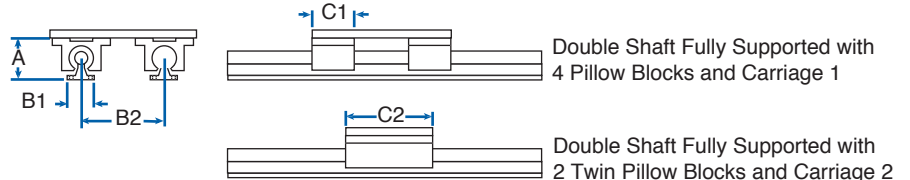
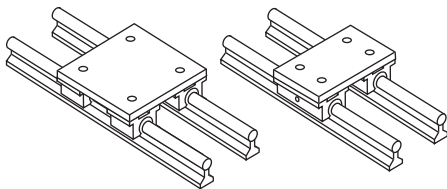
PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)					PILLOW BLOCK**	END SUPPORT*
			A ±.003	B2	B1	C1	D		
123-08-SXX	1/2	700	1.687	3.25	2.00	1.69	0.63	XEP-8	NSB-8
123-12-SXX	3/4	1,624	2.187	4.50	2.75	2.06	0.75	XEP-12	NSB-12
123-16-SXX	1	2,900	2.687	5.50	3.25	2.81	1.00	XEP-16	NSB-16
123-24-SXX	1-1/2	5,504	3.750	8.00	4.75	4.00	1.25	XEP-24	NSB-24

DOUBLE SHAFT END SUPPORTED WITH 2 TWIN PILLOW BLOCKS AND CARRIAGE 2

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)					MAX. STROKE LENGTH (in.)	PILLOW BLOCK**	END SUPPORT*
			A ±.003	B2	B1	C2	D			
123-08-TXX	1/2	700	1.687	3.25	2.00	3.50	0.63	L-(4.75)	TEP-8	NSB-8
123-12-TXX	3/4	1,624	2.187	4.50	2.75	4.50	0.75	L-(6.00)	TEP-12	NSB-12
123-16-TXX	1	2,900	2.687	5.50	3.25	6.00	1.00	L-(8.00)	TEP-16	NSB-16
123-24-TXX	1-1/2	5,504	3.750	8.00	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 133: DOUBLE SHAFT FULLY SUPPORTED SYSTEM WITH CARRIAGE



DOUBLE SHAFT FULLY SUPPORTED WITH 4 PILLOW BLOCKS AND CARRIAGE 1

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)				PILLOW BLOCK**
			A ±.003	B1	B2	C1	
133-08-SXX	1/2	608	1.812	1.50	3.25	1.69	XEP-8-OPN
133-12-SXX	3/4	1,584	2.437	1.75	4.50	2.06	XEP-12-OPN
133-16-SXX	1	2,844	2.937	2.13	5.50	2.81	XEP-16-OPN
133-24-SXX	1-1/2	5,384	4.250	3.00	8.00	4.00	XEP-24-OPN

DOUBLE SHAFT FULLY SUPPORTED WITH 2 TWIN PILLOW BLOCKS AND CARRIAGE 2

PART NO.	NOM. SHAFT DIA. (in.)	LOAD (lbf)* MAX/SYSTEM	DIMENSION (inches)				PILLOW BLOCK**
			A ±.003	B1	B2	C2	
133-08-TXX	1/2	608	1.812	1.50	3.25	3.50	TEP-8-OPN
133-12-TXX	3/4	1,584	2.437	1.75	4.50	4.50	TEP-12-OPN
133-16-TXX	1	2,844	2.937	2.13	5.50	6.00	TEP-16-OPN
133-24-TXX	1-1/2	5,384	4.250	3.00	8.00	9.00	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.