

Standard End Journals

Model No.	Type 1 Simple Support					Type 2 Simple Support					Type 3 Fixed Support					Type 4 Simple Support	
	A	B	C	D Dia.	E Dia.	A	B	C	D Dia.	E Dia.	A	B	C	D Dia.	E Dia.	A	D Dia.
117BS041	2.375	1.060	.5512	.625 .624	.7877 .7873	2.926	1.611	1.1024	.625 .624	.7877 .7873	4.028	2.713	2.204	.625 .624	.7877 .7873	2.844	.8750 .8745
150BS047	2.680	1.120	.5906	.750 .749	.9846 .9842	3.271	1.711	1.1811	.750 .749	.9846 .9842	4.453	2.893	2.364	.750 .749	.9846 .9842	3.250	1.1250 1.1245
150BS100	2.680	1.120	.5906	.750 .749	.9846 .9842	3.271	1.711	1.1811	.750 .749	.9846 .9842	4.453	2.893	2.364	.750 .749	.9846 .9842	3.250	1.1250 1.1245
225BS050	3.730	1.540	.09843	1.375 1.374	1.7721 1.7716	4.714	2.524	1.9685	1.375 1.374	1.7721 1.7716	6.682	4.492	3.936	1.375 1.374	1.7721 1.7716	4.938	1.7500 1.7495

Model No.	Bearing O.D.	Standard Bearings/by End Journal Type				Lock Nut			Key Size	
		1	2	3	4	Type	Thread	Lock Washer	Type 1, 2, 3 Sq. x Long	Type 4 Sq. x Long
		Single Row	Angular Contact	Angular Contact	Pillow Block					
117BS041	1.8504	204	204	204	014	N-04	.781-32NF-3	W-04	3/16 x 5/8	3/16 x 1 1/2
150BS047	2.0472	205	205	205	102	N-05	.969-32NF-3	W-05	3/16 x 1	1/4 x 1 3/4
150BS100	2.0472	205	205	205	102	N05	.969-32NF-3	W-05	3/16 x 1	1/4 x 1 3/4
225BS050	3.9370	309	309	309	112	N-09	1.767-18NF-3	W-09	5/16 x 1 1/2	3/8 x 3

All dimensions are in inches unless otherwise stated.

Standard Ball Screw Ends

Model No.	T Thread Size	A	C Diameter	D	K	L	M	N	R Thread Size	P Diameter	B
117BS041	3/4-16UNF-2A	1.13	0.7485 +.000 -.003	0.642 +.000 -.008	0.118 ±.001	2.20	4.20	0.80	3/4-10UNC-2A	0.750 +.000 -.002	1.13
150BS047	1-14UNS-2A	1.13	0.9985 +.000 -.003	0.803 +.000 -.010	0.313 ±.001	3.00	5.00	1.50	7/8-14UNF-2A	1.000 +.000 -.002	1.00
150BS100	1-14UNS-2A	1.13	0.9985 +.000 -.003	0.861 +.000 -.015	0.250 +.002 -.000	3.00	5.41	1.20	1-14UNS-2A	1.000 +.000 -.002	1.00
225BS050	1 3/4-12UN-2A	2.25	1.498 +.000 -.003	1.273 +.000 -.010	0.375 +.002 -.000	5.56	7.80	2.50	1 1/2-12UNF-2A	1.750 +.000 -.002	2.50

All dimensions are in inches unless otherwise stated.