

TBI Motion Ballscrews SFU Series



FEATURES

- 12mm to 80mm Screw Diameters
- 4mm to 20mm Leads
- Dynamic Loads to to 12,911 kgf
- Static Loads up to 47,747 kgf
- Available in Left and Right helix
- C7 and C5 Standard Accuracy
- P1 and P0 Standard Preload
- Other Accuracies and Preloads available upon request

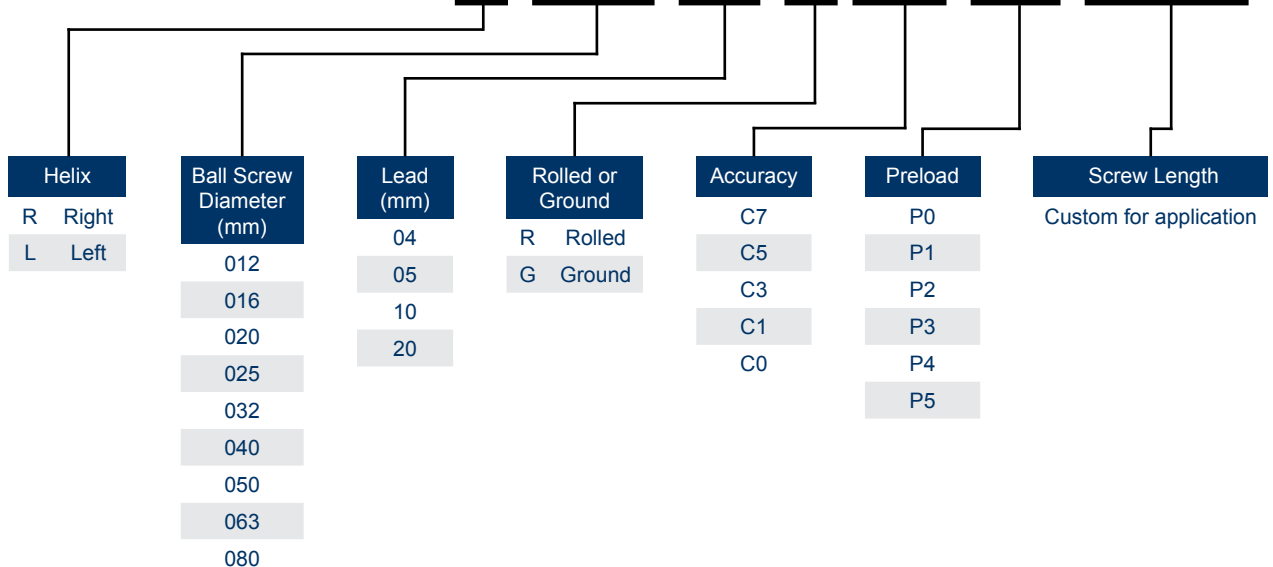


DESCRIPTION

The SFU Series screw diameters range from 12mm to 80mm with leads from 4mm to 20mm. This series can provide dynamic loads up to 12,911 kgf and static loads up to 47,747 kgf. Although, we provide C7 and C5 accuracies and P0 and P1 preloads as our standard, we also have other accuracies and preloads available upon request. The maximum screw length is 6000mm and we can also customize end journals to best fit your application.

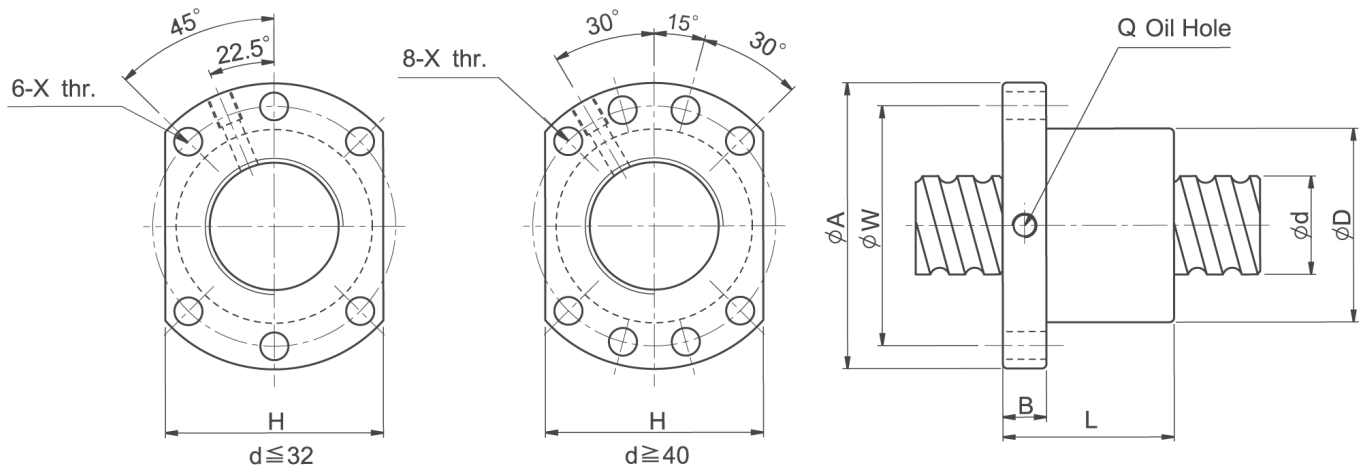
PART NUMBER LAYOUT

BSC-AAM-SFUR-012-04-R C7-P0-6000



L010974

DIMENSION DRAWING



DIMENSIONS

Units : mm

Model No.	I: Lead		Da: Ball Dia.		n: Number of Circuits				K: Stiffness (kgf)		H: Helix		Ca: Basic Dynamic Rating Load (kgf)		Coa: Basic Static Rating Load (kgf)		K: Stiffness (kgf)		H: Helix	
	d	I	Da	D	A	B	L	W	X	H	Q	n	Ca	Coa	K	H*	K	H*	K	H*
BSC-AAM-SFUR-012-04	12	4	2.5	24	40	10	40	32	4.5	30	-	1x4	902	1884	26	R	902	1884	26	R
BSC-AAM-SFUR-016-04	16	4	2.38	28	48	10	40	38	5.5	40	M6	1x4	973	2406	32	R/L	973	2406	32	R/L
BSC-AAM-SFUR-016-05	16	5	3.18	28	48	10	50	38	5.5	40	M6	1x4	1380	3052	32	R/L	1380	3052	32	R/L
BSC-AAM-SFUR-016-10	16	10	3.18	28	48	10	57	38	5.5	40	M6	1x4	1103	2401	26	R/L	1103	2401	26	R/L
BSC-AAM-SFUR-020-04	20	4	2.38	36	58	10	42	47	6.6	44	M6	1x4	1066	2987	38	R	1066	2987	38	R
BSC-AAM-SFUR-020-05	20	5	3.18	36	58	10	51	47	6.6	44	M6	1x4	1551	3975	39	R/L	1551	3975	39	R/L
BSC-AAM-SFUR-025-04	25	4	2.38	40	62	10	42	51	6.6	48	M6	1x4	1180	3795	43	R	1180	3795	43	R
BSC-AAM-SFUR-025-05	25	5	3.18	40	62	10	51	51	6.6	48	M6	1x4	1724	4904	45	R/L	1724	4904	45	R/L
BSC-AAM-SFUR-025-10	25	10	4.76	40	62	12	85	51	6.6	48	M6	1x4	2954	7295	50	R/L	2954	7295	50	R/L
BSC-AAM-SFUR-032-04	32	4	2.38	50	80	12	44	65	9	62	M6	1x4	1296	4838	51	R	1296	4838	51	R
BSC-AAM-SFUR-032-05	32	5	3.18	50	80	12	52	65	9	62	M6	1x4	1922	6343	54	R/L	1922	6343	54	R/L
BSC-AAM-SFUR-032-10	32	10	6.35	50	80	12	90	65	9	62	M6	1x4	4805	12208	61	R/L	4805	12208	61	R/L
BSC-AAM-SFUR-040-05	40	5	3.18	63	93	14	55	78	9	70	M8	1x4	2110	7988	63	R/L	2110	7988	63	R/L
BSC-AAM-SFUR-040-10	40	10	6.35	63	93	14	93	78	9	70	M8	1x4	5399	15500	73	R/L	5399	15500	73	R/L
BSC-AAM-SFUR-050-10	50	10	6.35	75	110	16	93	93	11	85	M8	1x4	6004	19614	85	R/L	6004	19614	85	R/L
BSC-AAM-SFUR-063-10	63	10	6.35	90	125	18	98	108	11	95	M8	1x4	6719	25358	99	R	6719	25358	99	R
BSC-AAM-SFUR-063-20	63	20	9.53	95	135	20	149	115	13.5	100	M8	1x4	11444	36653	112	R	11444	36653	112	R
BSC-AAM-SFUR-080-10	80	10	6.35	105	145	20	98	125	13.5	110	M8	1x4	7346	31953	109	R/L	7346	31953	109	R/L
BSC-AAM-SFUR-080-20	80	20	9.53	125	165	25	154	145	13.5	130	M8	1x4	12911	47747	138	R	12911	47747	138	R