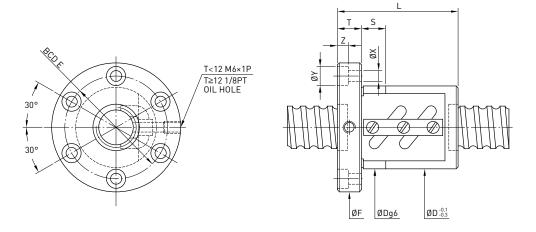
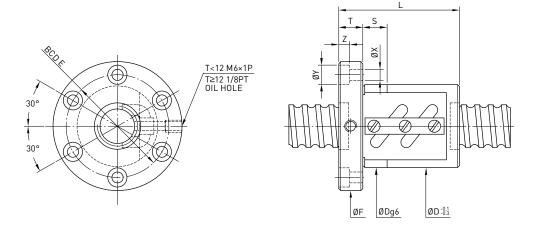
F S W TYPE



Model Nominal Lead Dia. PCD RD Circuits Kgf / ym K Clegd Clegd Clegd Rd D L F T BCD-E X Y Z S		Size						Stiffness	Dynamic	Static	Nut		Flange				Bolt		Fit
12-4C1 12	Model		Lead		PCD	RD	Circuits	kgf / µm	1x10 ⁶ revs	Load	D	L	F	Т	BCD-E	Χ	Υ	Z	S
12-861 12-861 12-86 12	12-4B1				12.25	9.792	2.5x1	8	383	638	30	38	50	10	40	4.5	8	4	12
14-5 14-6 11-3	12-4C1	12	4	2.381	12.25	9.792	3.5x1	9	511	893	30	44	50	10	40	4.5	8	4	12
14-58 14	12-5B1		5		12.25	9.792	2.5x1	8	383	638	30	40	50	10	40	4.5	8	4	12
15-20A1 15-20A1 15-20A1 15-6 12.324 1.5x1 9	14-5B1	14	J		14.6	11.324	2.5x1	10	710	1216	34	40	57	11	45	5.5	9.5	5.5	12
15-20Al	15-10A1	15	10	3.175	15.6	12.324	1.5x1	9	474	781	34	48	57	11	45	5.5	9.5	5.5	12
16-5B1 16-6B2 16-6B2 16-6B3 16-6B3 16-6B3 16-6B3 16-6B3 18-75 16-6B3 13-24 25x2 33 1385 2799 40 60 64 12-51 5.5 9.5 5.5 12-25 20-5B1 20-6B1 20-6 17.324 25x1 19 837 1733 44 45 68 12-55 5.5 9.5 5.5 12-20-601 20-6B1 20-6 17.324 25x1 19 837 1733 44 45 68 12-55 5.5 9.5 5.5 12-20-601 20-6C1 4 2.88 16.744 2.5x1 20 1137 2187 48 48 72-12-59 5.5 9.5 5.5 12-25-582 25-8 2.88 16.744 2.5x1 20 1137 2187 48 66 72-12-59 5.5 9.5 5.5 12-25-55 25-59-55 5.5 12-25-55 25-59-55 5.5 12-25-5	15-20A1	13	20		15.6	12.324	1.5x1	9	474	781	34	62	58	12	45	5.5	9.5	9.5	12
16-5B2 16	16-4B1		4	2.381	16.25	13.792	2.5x1	14	439	870	34	38	57	11	45	5.5	9.5	5.5	12
16-6SC1	16-5B1	1/			16.6	13.324	2.5x1	16	763	1400	40	45	64	12	51	5.5	9.5	5.5	12
20-5B1 20-5B1 20-6	16-5B2	10			16.6	13.324	2.5x2	33	1385	2799	40	60	64	12	51	5.5	9.5	5.5	12
20-6B1 20 20 20.6 17.324 2.5x2 39 1519 3465 44 60 68 12 55 5.5 9.5 5.5 12	16-5C1		5	3.175	16.6	13.324	3.5x1	22	1013	1946	40	50	64	12	51	5.5	9.5	5.5	12
20-6B1 20 6 3,969 20.8 16.744 2.5x1 20 1137 2187 48 48 72 12 59 5.5 9.5 5.5 12	20-5B1				20.6	17.324	2.5x1	19	837	1733	44	45	68	12	55	5.5	9.5	5.5	12
20-6C1	20-5B2	20			20.6	17.324	2.5x2	39	1519	3465	44	60	68	12	55	5.5	9.5	5.5	12
20-6C1	20-6B1	20	,	20/0	20.8	16.744	2.5x1	20	1137	2187	48	48	72	12	59	5.5	9.5	5.5	12
S	20-6C1		6	3.969	20.8	16.744	3.5x1	28	1512	3041	48	66	72	12	59	5.5	9.5	5.5	12
25-6C1 25-6B1 25.6 22.324 3.5x1 35 1252 3085 50 50 74 12 62 5.5 9.5 5.5 12	25-4B2		4	2.381	25.25	22.792	2.5x2	38	976	2776	46	48	69	11	57	5.5	9.5	5.5	12
25.6C1 25.6B1 25.6B1 25.6B1 25.6B2 25 6 3.969 25.8 21.744 2.5x1 24 1255 2735 53 44 76 11 64 5.5 12 25.6B2 25.6B2 25 6 3.969 25.8 21.744 3.5x1 35 1690 3844 56 55 82 12 69 6.6 11 6.5 12 25.10B1 25.10B1 25.10B2 10 4.763 26 21.132 2.5x1 25 1592 3237 60 65 86 16 73 6.6 11 6.5 12 25.12B1 11 2 3.969 25.8 21.744 2.5x2 46 2888 6472 58 97 85 15 71 6.6 11 6.5 12 25.12B1 12 3.969 25.8 21.744 2.5x1 24 1271 2761 53 60 78 11 64 6.6 11 6.5 12 28.5B1 28.5B1 28.6 25.324 2.5x1 26 984 2466 55 45 85 12 69 6.6 11 6.5 12 28.4B2 28.6B2 28 6 28.6 25.324 2.5x2 50 1785 4932 55 60 85 12 69 6.6 11 6.5 12 28.12B1 10 4.763 29 24.132 2.5x2 51 3060 729 60 110 86 12 73 6.6 11 6.5 12 28.12B1 10 4.763 29 24.132 2.5x1 25 1686 3649 62 84 89 12 75 6.6 11 6.5 12 28.2B1 28.12B2 29 24.132 2.5x2 55 1886 3649 62 84 89 12 75 6.6 11 6.5 12 28.2B25	25-5B2		_	0.175	25.6	22.324	2.5x2	46	1704	4417	50	60	74	12	62	5.5	9.5	5.5	12
25-6B2	25-5C1		Э	3.175	25.6	22.324	3.5x1	35	1252	3085	50	50	74	12	62	5.5	9.5	5.5	12
25-6C1 25-8 21.744 3.5x1 35 1690 3844 56 55 82 12 69 6.6 11 6.5 12	25-6B1				25.8	21.744	2.5x1	24	1255	2735	53	44	76	11	64	5.5	9.5	5.5	12
25-10B1	25-6B2	25	6	3.969	25.8	21.744	2.5x2	48	2308	5523	56	68	82	12	69	6.6	11	6.5	12
25-10B2 25-10B2 10	25-6C1				25.8	21.744	3.5x1	35	1690	3844	56	55	82	12	69	6.6	11	6.5	12
25-1082 25-1082 25-1082 25-1281 25-1281 25-1281 25-1281 25-1281 28-581 28-582 28.6 25.324 25.5x1 26 28.6 25.324 25.5x2 50 1785 4932 55 60 85 12 69 6.6 11 6.5 12 28-682 28.6 28.6 28.6 28.6 28.6 28.6 28.6 2	25-10B1		10	/ 7/0	26	21.132	2.5x1	25	1592	3237	60	65	86	16	73	6.6	11	6.5	12
28-5B1	25-10B2		10	4./63	26	21.132	2.5x2	46	2888	6472	58	97	85	15	71	6.6	11	6.5	12
28-5B2 3.175 28.6 25.324 2.5x2 50 1785 4932 55 60 85 12 69 6.6 11 6.5 12 28-6A2 28 6 28.6 25.324 1.5x2 29 1150 2960 55 55 85 12 69 6.6 11 6.5 12 28-12B2 12 4.763 29 24.132 2.5x2 51 3060 7299 60 110 86 12 73 6.6 11 6.5 12 28-16B1 16 4.763 29 24.132 2.5x2 51 3060 7299 60 110 86 12 73 6.6 11 6.5 12 32-5B2 31.75 32.6 29.324 2.5x2 55 1886 5666 58 60 84 12 71 6.6 11 6.5 12 32-6B1 49.36 3.969 32.8 28.744 2.5x2 56 2556 7020 62 68 88	25-12B1		12	3.969	25.8	21.744	2.5x1	24	1271	2761	53	60	78	11	64	6.6	11	6.5	12
28-582	28-5B1		_		28.6	25.324	2.5x1	26	984	2466	55	45	85	12	69	6.6	11	6.5	12
28-12B2 12 4.763 29 24.132 2.5x2 51 3060 7299 60 110 86 12 73 6.6 11 6.5 12 28-16B1 16 29 24.132 2.5x1 25 1686 3649 62 84 89 12 75 6.6 11 6.5 12 32-5B2 5 3.175 32.6 29.324 2.5x2 55 1886 5666 58 60 84 12 71 6.6 11 6.5 12 32-6B2 6 3.969 32.8 28.744 2.5x2 56 2556 7020 62 68 88 12 75 6.6 11 6.5 12 32-8B2 32-8B2 32.8 28.744 3.5x1 39 1888 4936 62 55 88 12 75 6.6 11 6.5 12 32-8B2 32 8 4.763 33 28.132 2.5x2 59 3284 8453 66 86 <t< td=""><td>28-5B2</td><td></td><td>5</td><td>3.175</td><td>28.6</td><td>25.324</td><td>2.5x2</td><td>50</td><td>1785</td><td>4932</td><td>55</td><td>60</td><td>85</td><td>12</td><td>69</td><td>6.6</td><td>11</td><td>6.5</td><td>12</td></t<>	28-5B2		5	3.175	28.6	25.324	2.5x2	50	1785	4932	55	60	85	12	69	6.6	11	6.5	12
28-16B1	28-6A2	28	6		28.6	25.324	1.5x2	29	1150	2960	55	55	85	12	69	6.6	11	6.5	12
28-1681 16 29 24.132 2.5x1 25 1686 3649 62 84 89 12 75 6.6 11 6.5 12 32-5B2 3.175 32.6 29.324 2.5x2 55 1886 5666 58 60 84 12 71 6.6 11 6.5 12 32-5C1 32-6B2 6 3.969 32.8 28.744 2.5x2 56 2556 7020 62 68 88 12 75 6.6 11 6.5 12 32-8B2 32-8C1 32 8 4.763 33 28.132 2.5x2 59 3284 8453 66 86 100 16 82 9 14 8.5 15 32-10B2 10 33.4 26.91 2.5x2 60 4810 11199 74 98 108 16 90 9 14 8.5 15 32-10C1 32-12A2 12	28-12B2		12	/ 17/0	29	24.132	2.5x2	51	3060	7299	60	110	86	12	73	6.6	11	6.5	12
32-5C1 32-6B2 32-6C1 32-6B2 32-6C1 32-6B2 32-6C1 32-6B2 32-6C1 32-6B2 32-8B2 32-8B2 32-8C1 32-8C1 32-10C1 32-12A2 33-12-12A2 33-12-12A2 33-12-12A2 33-12-12A2 33-12-12A2 33-12-12A2 33-12-12A2 33-12-12-12-12-12-12-12-12-12-12-12-12-12-	28-16B1		16	4./63	29	24.132	2.5x1	25	1686	3649	62	84	89	12	75	6.6	11	6.5	12
32-6C1 32-6C1 32-6B2 32-6B2 32-6C1 33-69 32-8 28.744 2.5x2 56 2556 7020 62 68 88 12 75 6.6 11 6.5 12 32-6C1 32-8B2 32-8B2 32-8B2 32-8B2 32-8B2 32-10C1 32-10C1 32-12A2 12 32-12A2 12 32-12A2 32-6C1 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15	32-5B2		_	0.455	32.6	29.324	2.5x2	55	1886	5666	58	60	84	12	71	6.6	11	6.5	12
32-86C1 32-882 32 8 4.763 33 28.132 2.5x2 59 3284 8453 66 86 100 16 82 9 14 8.5 15 32-10B2 32-10C1 32-12A2 32 8 3.64 3.769 32.8 28.744 3.5x1 39 1888 4936 62 55 88 12 75 6.6 11 6.5 12 3284 8453 66 86 100 16 82 9 14 8.5 15 3284 8453 66 70 100 16 82 9 14 8.5 15 33-10B2 33.4 26.91 2.5x2 60 4810 11199 74 98 108 16 90 9 14 8.5 15 32-12A2	32-5C1		5	3.175	32.6	29.324	3.5x1	39	1388	3967	58	50	84	12	71	6.6	11	6.5	12
32-861 32-882 32-861 32-861 32-861 32-861 32-861 32-861 32-861 32-1082 32-1021	32-6B2		,	0.010	32.8	28.744	2.5x2	56	2556	7020	62	68	88	12	75	6.6	11	6.5	12
32-8C1 32 8 4.763 33 28.132 3.5x1 41 2428 5948 66 70 100 16 82 9 14 8.5 15 32-10B2 10 33.4 26.91 2.5x2 60 4810 11199 74 98 108 16 90 9 14 8.5 15 32-10C1 32-12A2 12 12 6.350 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15	32-6C1		6	3.969	32.8	28.744	3.5x1	39	1888	4936	62	55	88	12	75	6.6	11	6.5	12
32-8C1 32 28.132 3.5x1 41 2428 5948 66 70 100 16 82 9 14 8.5 15 32-10B2 33.4 26.91 2.5x2 60 4810 11199 74 98 108 16 90 9 14 8.5 15 32-10C1 33.4 26.91 3.5x1 44 3519 7785 74 78 108 16 90 9 14 8.5 15 32-12A2 12 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15	32-8B2				33	28.132	2.5x2	59	3284	8453	66	86	100	16	82	9	14	8.5	15
32-10B2 32-10C1 33.4 26.91 2.5x2 60 4810 11199 74 98 108 16 90 9 14 8.5 15 32-10C1 33.4 26.91 3.5x1 44 3519 7785 74 78 108 16 90 9 14 8.5 15 32-12A2 12 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15	32-8C1	32	8	4.763	33	28.132	3.5x1	41	2428	5948	66	70	100	16	82	9	14	8.5	15
32-10C1 32-12A2 6.350 33.4 26.91 3.5x1 44 3519 7785 74 78 108 16 90 9 14 8.5 15 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15																			
32-12A2 33.4 26.91 1.5x2 37 3051 6612 74 97 108 18 90 9 14 8.5 15	32-10C1		10		33.4	26.91	3.5x1	44	3519	7785	74	78	108	16	90	9	14	8.5	15
12					33.4	26.91		37	3051		74	97			90	9	14		
			10 12 5 6 12 16 5 6 8		33.4	26.91	2.5x2	59		11199	74	110	108	18	90	9	14	8.5	15

Remark: Stiffness values listed above value are derived from theoretical formula while axial load is 30% of dynamic load rating without preload.

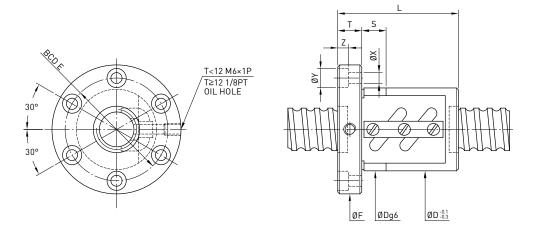
F S W TYPE



	Size	Size					Stiffness	Dynamic Load	Static	Nut		Flange				Bolt		
Model	Nominal Dia.	Lead	Ball Dia.	PCD	RD	Circuits	kgf / µm K	1x10 ⁶ revs C (kgf)	Load Co (kgf)	D	L	F	Т	BCD-E	Х	Y	Z	S
32-16A2				33.4	26.91	1.5x2	36	3035	6555	74	99	108	16	90	9	14	8.5	15
32-16B1		16		33.4	26.91	2.5x1	30	2650	5599	74	94	108	16	90	9	14	8.5	15
32-16B2	32		6.350	33.4	26.91	2.5x2	59	4810	11199	74	130	108	16	90	9	14	8.5	15
32-20A2		20		33.4	26.91	1.5x2	37	3035	6555	74	120	108	16	90	9	14	8.5	15
32-20B1		20		33.4	26.91	2.5x1	30	2650	5599	74	98	108	16	90	9	14	8.5	15
36-6B1		,	3.969	36.8	32.744	2.5x1	35	1486	3969	65	50	100	12	82	6.6	11	6.5	12
36-6B2		6	3.969	36.8	32.744	2.5x2	60	2696	7937	65	68	100	12	82	6.6	11	6.5	12
36-10B2	36	10		37.4	30.91	2.5x2	68	5105	12669	75	102	125	18	98	11	17.5	11	15
36-12B2		12	6.350	37.4	30.91	2.5x2	65	5105	12668	75	110	125	18	98	11	17.5	11	15
36-16C1		16		37.4	30.91	3.5x1	46	3736	8813	80	105	120	18	100	11	17.5	11	15
40-5B2		5	3.175	40.6	37.324	2.5x2	66	2071	7134	68	65	102	16	84	9	14	8.5	15
40-6B2		6	3.969	40.8	36.744	2.5x2	69	2817	8855	70	72	104	16	86	9	14	8.5	15
40-8B2		0	/ 17/0	41	36.132	2.5x2	70	3634	10603	74	86	108	16	90	9	14	8.5	15
40-8C1		8	4.763	41	36.132	3.5x1	49	2679	7438	74	70	108	16	90	9	14	8.5	15
40-10B2		40		41.4	34.91	2.5x2	74	5370	14138	84	102	125	18	104	11	17.5	11	15
40-10C1	40	10	6.350	41.4	34.91	3.5x1	51	3932	9841	84	82	125	18	104	11	17.5	11	15
40-12B1		12		41.6	34.299	2.5x1	36	3425	7837	86	81	128	18	106	11	17.5	11	20
40-12B2		12		41.6	34.299	2.5x2	72	6217	15674	86	117	128	18	106	11	17.5	11	20
40-16A2			7.144	41.6	34.299	1.5x2	42	4007	9405	86	118	128	18	106	11	17.5	11	20
40-16B1		16		41.6	34.299	2.5x1	37	3425	7837	86	102	128	18	106	11	17.5	11	20
45-10B1		40	4.050	46.4	39.91	2.5x1	45	3116	7953	88	74	132	18	110	11	17.5	11	15
45-10B2	45	10	6.350	46.4	39.91	2.5x2	79	5655	15905	88	104	132	18	110	11	17.5	11	15
45-12B2		12	7.938	46.8	38.688	2.5x2	81	7627	19799	96	123	142	22	117	13	20	13	20
50-5A2		_		50.6	47.324	1.5x2	48	1447	5382	80	63	114	16	96	9	14	8.5	15
50-5A3		5	3.175	50.6	47.324	1.5x3	73	2051	8072	80	73	114	16	96	9	14	8.5	15
50-6B2				50.8	46.744	2.5x2	81	3093	11149	84	75	118	16	100	9	14	8.5	15
50-6C2		6	3.969	50.8	46.744	3.5x2	109	4131	15608	84	80	118	15	100	9	14	8.5	15
50-6B3				50.8	46.744	2.5x3	119	4384	16723	84	93	118	16	100	9	14	8.5	15
50-8B2				51	46.132	2.5x2	84	4004	13409	87	88	128	18	107	11	17.5	11	15
50-8B3		8	4.763	51	46.132	2.5x3	124	5674	20114	87	112	128	18	107	11	17.5	11	15
50-10B2	50			51.4	44.91	2.5x2	87	5923	17670	94	104	135	18	114	11	17.5	11	15
50-10B3		10	6.350	51.4	44.91	2.5x3	129	8394	26505	94	134	135	18	114	11	17.5	11	15
50-10C1			0.000	51.4	44.91	3.5x1	60	4393	12481	94	84	135	18	114	11	17.5	11	15
50-12B1				51.8	43.688	2.5x1	46	4420	11047	102	87	150	22	125	13	20	13	20
50-12B2		12	7.938	51.8	43.688	2.5x2	90	8022	22094	102	123	150	22	125	13	20	13	20
50-12C1			00	51.8	43.688	3.5x1	63	5875	15380	102	99	150	22	125	13	20	13	20
50-30A2		30	6.350	51.4	44.91	1.5x2	52	3834	10658	94	160	135	18	114	11	17.5	11	15
D I	C1:tt		- 1:-41									1:- 20						

Remark: Stiffness values listed above value are derived from theoretical formula while axial load is 30% of dynamic load rating without preload.





	Size	9					Stiffness	Dynamic Load 1x10 ⁶ revs C (kgf)	Static Load Co (kgf)	Nut		Flange				Bolt		
Model	Nominal Dia.	Lead	Ball Dia.	PCD	RD	Circuits	kgf/μm K			D	L	F	T	BCD-E	Х	Υ	Z	S
55-10B2		10	6.350	56.4	49.91	2.5x2	93	6071	19592	102	103	144	18	122	11	17.5	11	20
55-10C1	55	10	0.550	56.4	49.91	3.5x1	66	4562	13661	100	84	140	18	118	11	17.5	11	20
55-12B2		12	7.938	56.8	48.688	2.5x2	95	8392	24390	105	123	154	22	127	13	20	13	20
60-12B2	60	12	7.730	61.8	53.688	2.5x2	101	8742	26685	112	135	154	18	132	11	17.5	11	20
63-8A2		8	4.763	64	59.132	1.5x2	54	2826	10129	104	76	146	18	124	11	17.5	11	20
63-8A3		O	4./03	64	59.132	1.5x3	80	4004	15193	104	92	146	18	124	11	17.5	11	20
63-10B2		10	6.350	64.4	57.91	2.5x2	104	6533	22371	110	107	152	20	130	11	17.5	11	20
63-10B3	63	10	0.550	64.4	57.91	2.5x3	154	9528	33556	110	137	152	20	130	11	17.5	11	20
63-12B2		12	7.938	64.8	56.688	2.5x2	109	8943	28062	118	124	166	22	141	13	20	13	20
63-16B2		16	9.525	65.2	55.466	2.5x2	141	14862	46009	124	153	172	22	147	13	20	13	20
63-20B2		20	7.323	65.2	55.466	2.5x2	141	14862	46009	124	176	172	22	147	13	20	13	20
70-10B2		10	6.350	71.4	64.91	2.5x2	115	6843	25011	124	109	170	20	145	13	20	13	20
70-10B3	70	10	0.000	71.4	64.91	2.5x3	170	9698	37516	124	139	170	20	145	13	20	13	20
70-12B2	70	12	7.938	71.8	63.688	2.5x2	120	9382	31275	130	125	178	22	152	13	20	13	20
70-12B3		12		71.8	63.688	2.5x3	170	13296	46912	130	159	178	22	152	13	20	13	20
80-10B2		10	6.350	81.4	74.91	2.5x2	126	7202	28538	130	109	178	22	152	13	20	13	20
80-10B3		10	0.000	81.4	74.91	2.5x3	186	10207	42807	130	139	178	22	152	13	20	13	20
80-12B2		12	7.938	81.8	73.688	2.5x2	130	9797	35422	136	125	185	22	159	13	20	13	20
80-12B3	80	12	7.730	81.8	73.688	2.5x3	192	13844	53132	136	159	185	22	159	13	20	13	20
80-16B2	00	16		82.2	72.466	2.5x2	171	16485	58851	145	156	210	28	174	18	26	17.5	25
80-16B3		10	9.525	82.2	72.466	2.5x3	252	23363	88276	145	204	210	28	174	18	26	17.5	25
80-20B2		20	7.323	82.2	72.466	2.5x2	171	16485	58851	145	185	210	28	174	18	26	17.5	25
80-20B3		20		82.2	72.466	2.5x3	252	23363	88276	145	245	210	28	174	18	26	17.5	25
100-12B2		12	7 000	101.8	93.688	2.5x2	156	10761	44596	160	132	224	24	188	18	26	17.5	25
100-12B3		12	7.938	101.8	93.688	2.5x3	229	15251	66894	160	168	224	24	188	18	26	17.5	25
100-16B2	100	1/		102.2	92.466	2.5x2	200	18123	77425	170	162	248	32	205	22	32	21.5	30
100-16B3	100	16	0.505	102.2	92.466	2.5x3	305	25684	111637	170	212	248	32	205	22	32	21.5	30
100-20B2		20	9.525	102.2	92.466	2.5x2	200	18123	74425	170	190	248	32	205	22	32	21.5	30
100-20B3		20		102.2	92.466	2.5x3	305	25684	111637	170	250	248	32	205	22	32	21.5	30

Remark: Stiffness values listed above value are derived from theoretical formula while axial load is 30% of dynamic load rating without preload.