



SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit x row	BASIC RATE LOAD (kgf)		BALLNUT DIMENSION									
O.D.	LEAD			Dynamic (1x10 ⁶ REV.) Ca	Static Co	O.D.	Length	Flange				Assembly Hole	Oil Hole	STIFFNESS	Nut Model NO.
						D	L	A	T	W	H	X	Q	kgf/μm	
12	4	2.381	2.5x1	285	533	30	40	52	10	40	31	4.5	M6x1P	9	FSWW1204A-2.5P
	5	2	2.5x1	270	350	26	40	47	10	37	30	4.5	M6x1P	8.2	FSWW1205Z-2.5P
14	4	2.381	3.5x1	500	1100	35	42	57	10	45	40	4.5	M6x1P	15	FSWW1404A-3.5P
	5	3.175	2.5x1	515	990	40	40	57	10	45	40	4.5	M6x1P	11	FSWW1405B-2.5P
15	10	3.175	2.5x1	440	680	34	55	57	10	45	34	5.5	M6x1P	12	FSWW1510B-2.5P
16	4	2.381	3.5x1	610	1470	34	42	57	11	45	34	5.5	M6x1P	17	FSWW1604A-3.5P
	5	3.175	2.5x1	550	1140	40	41	63	11	51	42	5.5	M6x1P	13	FSWW1605B-2.5P
	10	3.175	2.5x1	550	990	40	56	63	11	51	42	5.5	M6x1P	13	FSWW1610B-2.5P
20	4	2.381	2.5x2	1140	3120	40	56	67	11	55	52	5.5	M6x1P	30	FSWW2004A-5.0P
	5	3.175	2.5x1	625	1450	44	41	67	10	55	52	5.5	M6x1P	15	FSWW2005B-2.5P
	10	4.762	2.5x1	1100	2200	52	61	82	12	67	64	6.6	M6x1P	16	FSWW2010D-2.5P
25	5	3.175	2.5x2	1120	3710	50	56	73	11	61	56	6.6	M6x1P	37	FSWW2505B-5.0P
	10	4.762	2.5x1	1270	2780	58	65	85	15	71	64	6.6	M6x1P	20	FSWW2510D-2.5P
	10	6.35	2.5x2	3200	7170	60	97	96	15	78	72	9	M6x1P	40	FSWW2510F-5.0P

Note: Stiffness of nut: Stiffness values listed above are derived from theoretical formula to the elastic deformation between thread grooves and balls while axial load is 30% dynamic load rating.

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit x row	BASIC RATE LOAD (kgf)		BALLNUT DIMENSION									Nut Model NO.
O.D.	LEAD			Dynamic (1x10 ⁶ REV.) Ca	Static Co	OD.	Length	Flange				Assembly Hole	Oil Hole	STIFFNESS	
						D	L	A	T	W	H	X	Q	kgf/μm	
28	5	3.175	1.5x2	910	2470		46							21	FSWW2805B-3.0P
			2.5x1	780	2060		42							18	FSWW2805B-2.5P
			2.5x2	1410	4120	55	56	83	12	69	62	6.6	M8x1P	33	FSWW2805B-5.0P
			3.5x1	1040	2880		47							24	FSWW2805B-3.5P
32	5	3.175	2.5x2	1540	4720	58	57	85	12	71	64	6.6	M8x1P	41	FSWW3205B-5.0P
	10	6.35	2.5x2	3130	9410	67	97	103	15	85	78	9	M6x1P	49	FSWW3210F-5.0P
36	10	6.35	1.5x2	2170	6480		81							30	FSWW3610F-3.0P
			2.5x2	3370	10800	70	99	110	17	90	82	11	M6x1P	29	FSWW3610F-5.0P
			3.5x1	2480	7560		81							35	FSWW3610F-3.5P
40	5	3.175	2.5x2	1830	5940	67	60	101	15	83	78	9	M8x1P	60	FSWW4005B-5.0P
	10	6.35	2.5x2	3520	12000	76	100	116	17	96	88	11	M6x1P	59	FSWW4010F-5.0P
50	10	6.35	2.5x2	3900	15000	88	101	128	18	108	100	11	M6x1P	72	FSWW5010F-5.0P
63	10	6.35	2.5x2	4770	18660	108	105	154	22	130	116	14	M8x1P	75	FSWW6310F-5.0P
80	10	6.35	2.5x2	5340	23750	130	105	176	22	152	132	14	M8x1P	90	FSWW8010F-5.0P

Note: Stiffness of nut: Stiffness values listed above are derived from theoretical formula to the elastic deformation between thread grooves and balls while axial load is 30% dynamic load rating.