



SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD (kgf)		BALLNUT DIMENSION											Nut Model NO.
O.D.	LEAD			Dynamic (1×10 <sup>6</sup> REV.) Ca	Static Co	O.D.	Length	Flange				Return tube		Assembly Hole	Oil Hole	STIFFNESS	
								D	L	A	T	W	G				
14	4	2.381	3.5x1	500	1100	25	42	55	10	40	19	19	21	4.5	M6x1P	15	FSVW1404A-3.5P
	5	3.175	2.5x1	515	990	30	43	50	10	40	22	19	21	4.5	M6x1P	11	FSVW1405B-2.5P
16	5	3.175	2.5x2	1000	2280	31	60	54	12	41	24	20	23	5.5	M6x1P	23	FSVW1605B-5.0P
20	5	3.175	2.5x2	1130	2900	40	60	60	12	50	28	23	27	4.5	M6x1P	28	FSVW2005B-5.0P
	10	4.762	2.5x1	1100	2200	40	60	67	12	53	30	27	30	6.6	M6x1P	16	FSVW2010D-2.5P
25	5	3.175	2.5x1	720	1830	42	45	71	12	57	28	25	32	6.6	M6x1P	18	FSVW2505B-2.5P
	10	4.762	3.5x1	1690	3900	45	75	72	16	58	34	29	34	6.6	M6x1P	27	FSVW2510D-3.5P
	10	6.35	2.5x1	1720	3590	44	68	79	15	62	34	30	37	9	M6x1P	21	FSVW2510F-2.5P
28	5	3.175	1.5x2	910	2470	44	50	70	12	56	28	28	35	6.6	M6x1P	21	FSVW2805B-3.0P
			2.5x1	780	2060		45									18	FSVW2805B-2.5P
			2.5x2	1410	4120		60									33	FSVW2805B-5.0P
			3.5x1	1040	2880		50									24	FSVW2805B-3.5P
32	5	3.175	2.5x2	1540	4720	50	60	76	12	63	36	30	39	6.6	M6x1P	41	FSVW3205B-5.0P
	10	6.35	2.5x2	3130	9410	55	101	97	18	75	39	37	44	11	M6x1P	49	FSVW3210F-5.0P
36	10	6.35	1.5x2	2170	6480	60	82	105	18	80	42	40	49	11	M6x1P	30	FSVW3610F-3.0P
40	5	3.175	3.5x1	1350	4160	58	55	92	16	72	42	34	46	9	M8x1P	43	FSVW4005B-3.5P
	10	6.35	3.5x1	2590	8400	65	82	106	18	85	44	42	52	11	PT1/8"	45	FSVW4010F-3.5P
50	10	6.35	3.5x2	4940	21000	80	125	138	22	110	52	48	62	18	M6x1P	98	FSVW5010F-7.0P
63	10	6.35	2.5x2	4770	18660	108	105	154	22	130	44	53	76	14	M8x1P	75	FSVW6310F-5.0P
80	10	6.35	2.5x2	5340	23750	130	105	176	22	152	48	64	91	14	M8x1P	90	FSVW8010F-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.