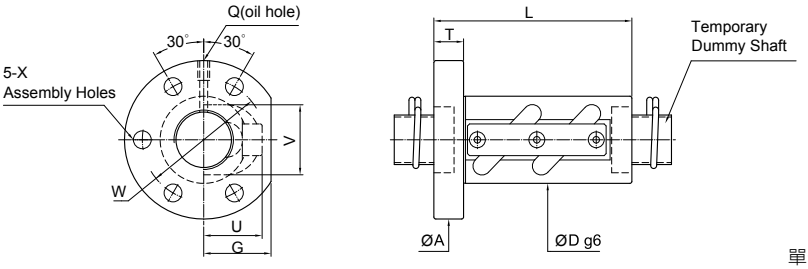
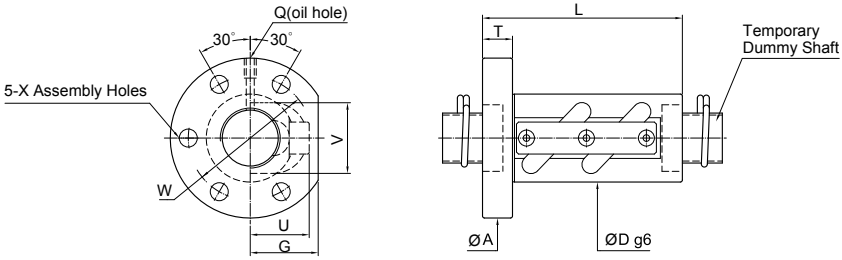
FSVW



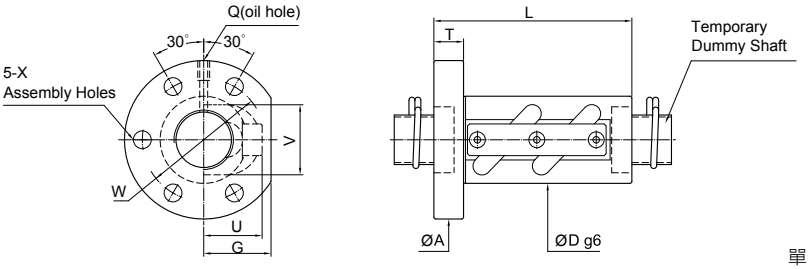
單位:mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		BALLNUT DIMENSION												
O.D.	LEAD			Dynamic (1×10⁶ REV.) Ca	Static Co	O.D. D	Length L	Flange A	T	W	H	Return tube U	V	Assembly Hole X	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.
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	22	21	4.5	M6x1P	11	FSVW1405B-2.5P
16	5	3.175	1.5x2	540	1260	34	50	54	12	41	24	20	23	5.5	M6x1P	15	FSVW1605B-3.0P
			2.5x1	550	1140		43									13	FSVW1605B-2.5P
			2.5x2	1000	2280		60									23	FSVW1605B-5.0P
			3.5x1	730	1600		50									17	FSVW1605B-3.5P
20	5	3.175	1.5x2	730	1740	40	50	60	12	50	28	22	27	4.5	M6x1P	18	FSVW2005B-3.0P
			2.5x1	625	1450		43									15	FSVW2005B-2.5P
			2.5x2	1130	2900		60									28	FSVW2005B-5.0P
			3.5x1	830	2030		50									20	FSVW2005B-3.5P
	10	4.762	2.5x1	1100	2200	40	60	67	12	53	30	30	30	6.6	M6x1P	16	FSVW2010-2.5P
25	5	3.175	2.5x1	720	1830	42	45	71	12	57	28	26	32	6.6	M6x1P	18	FSVW2505B-2.5P
			2.5x2	1120	3710		60									37	FSVW2505B-5.0P
	10	4.762	1.5x2	1480	3340	45	75	72	16	58	34	29	34	6.6	M6x1P	23	FSVW2510D-3.0P
			2.5x1	1270	2780		65									20	FSVW2510D-2.5P
			3.5x1	1690	3900		75									27	FSVW2510D-3.5P
	10	6.35	2.5x1	1720	3590	44	68	79	15	62	34	29	37	9	M6x1P	21	FSVW2510F-2.5P
			2.5x2	3200	7170		98									40	FSVW2510F-5.0P
28	5	3.175	1.5x2	910	2470	44	50	70	12	56	28	28	34	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

FSVW



SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		BALLNUT DIMENSION												
O.D.	LEAD			Dynamic (1×10^6 REV.) Ca	Static Co	O.D. D	Length L	Flange A	T	W	H	Return tube U	V	Assembly Hole X	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.
32	5	3.175	1.5x2	990	2830	50	50	76	12	63	36	30	38	6.6	M6x1P	26	FSVW3205B-3.0P
			2.5x1	850	2360		45									22	FSVW3205B-2.5P
			2.5x2	1540	4720		60									41	FSVW3205B-5.0P
			2.5x3	2180	7080		75									59	FSVW3205B-7.5P
			3.5x1	1130	3300		50									29	FSVW3205B-3.5P
	10	6.35	1.5x2	2260	5620	55	78	97	18	75	39	37	44	11	M6x1P	29	FSVW3210F-3.0P
			2.5x1	1930	4680		72									25	FSVW3210F-2.5P
			2.5x2	3130	9410		101									49	FSVW3210F-5.0P
			3.5x1	2580	6550		78									33	FSVW3210F-3.5P
36	10	6.35	1.5x2	2170	6480	60	82	105	18	80	42	40	49	11	M6x1P	30	FSVW3610F-3.0P
			2.5x1	1860	5400		70									29	FSVW3610F-2.5P
			2.5x2	3370	10800		98									55	FSVW3610F-5.0P
			3.5x1	2480	7560		82									35	FSVW3610F-3.5P
40	5	3.175	1.5x2	1180	3560	58	55	92	16	72	42	34	46	9	M8x1P	45	FSVW4005B-3.0P
			2.5x1	1010	2970		50									45	FSVW4005B-2.5P
			2.5x2	1830	5940		65									60	FSVW4005B-5.0P
			2.5x3	2600	8910		80									87	FSVW4005B-7.5P
			3.5x1	1350	4160		55									43	FSVW4005B-3.5P
	10	6.35	1.5x2	2270	7200	65	82	106	18	85	44	42	52	11	PT1/8"	39	FSVW4010F-3.0P
			2.5x1	1940	6000		72									34	FSVW4010F-2.5P
			2.5x2	3520	12000		102									59	FSVW4010F-5.0P
			3.5x1	2590	8400		82									45	FSVW4010F-3.5P
			3.5x2	4450	16800		123	114	20	90		44	52	14	M6x1P	81	FSVW4010F-7.0P



單位:mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS circuit × row	BASIC RATE LOAD(kgf)		BALLNUT DIMENSION											
O.D.	LEAD			Dynamic (1×10^6 REV.) Ca	Static Co	O.D. D	Length L	Flange A	Flange T	Flange W	Flange H	Return tube U	Return tube V	Assembly Hole X	Oil Hole Q	STIFFNESS kgf/μm	Nut Model NO.
50	10	6.35	1.5x2	2510	9000	78	84	119	18	98	52	48	62	11	PT1/8"	31	FSVW5010F-3.0P
			2.5x1	2150	7500		74									39	FSVW5010F-2.5P
			2.5x2	3890	15000		104									73	FSVW5010F-5.0P
			2.5x3	5510	22500		134									105	FSVW5010F-7.5P
			3.5x1	2870	10500		84									53	FSVW5010F-3.5P
			3.5x2	4940	21000	80	125	138	22	110		52		18	M6x1P	98	FSVW5010F-7.0P

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.