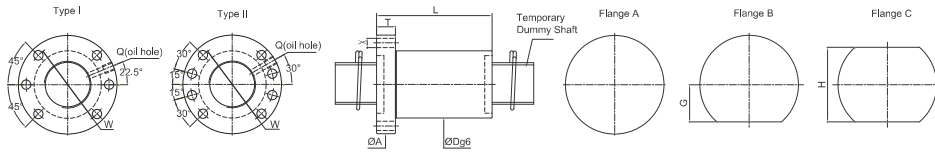


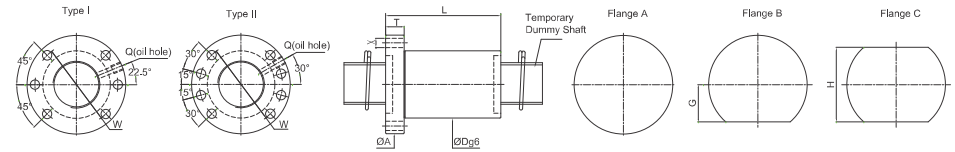
# FSDW



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS	MODIFIED LOAD CAPACITY (kgf)		BALLNUT DIMENSION												
O.D.	LEAD			Dynamic (1×10 <sup>6</sup> REV) Cam	Static Coam	O.D.	Length	Flange					Oil Hole	Assembly Hole	STIFFNESS	Nut Model NO.		
						D	L	A	T	W	G	H	TYPE	Q	X	kgf/μm		
12	4	2.381	3	410	990	24	28	44	10	34	16	32	I	M6x1P	4.5	13	FSDW1204A-3.0P	
14	4	2.381	3	460	1210	26	28	46	10	36	17	34	I	M6x1P	4.5	14	FSDW1404A-3.0P	
		4	4	590	1610	32	48									18	FSDW1404A-4.0P	
15	5	3.175	3	550	1260	29	32	51	10	39	18.5	37	I	M6x1P	5.5	14	FSDW1405B-3.0P	
	10	3.175	3	560	1340	29	47	51	10	39	18.5	37	I	M6x1P	5.5	15	FSDW1510B-3.0P	
16	5	3.175	3	600	1460	29	35	51	10	39	18.5	37	I	M6x1P	5.5	16	FSDW1605B-3.0P	
	10	3.175	3	580	1440	29	50	51	10	39	18.5	37	I	M6x1P	5.5	15	FSDW1610B-3.0P	
16	16	3.175	2	400	950	29	51	51	10	39	16	38	I	M6x1P	5.5	11	FSDW1616B-2.0P	
	4	2.381	3	520	1660	32	28	53	10	43	21.5	43	I	M6x1P	4.5	18	FSDW2004A-3.0P	
20	5	3.175	3	670	1860	36	35	62	12	49	23	46	I	M6x1P	5.5	19	FSDW2005B-3.0P	
		4	4	870	2480	40	40									24	FSDW2005B-4.0P	
20	10	4.762	3	1320	3390	40	52	62	12	51	24	48	I	M6x1P	6.6	21	FSDW2010D-3.0P	
	20	3.175	2	450	1200	36	56	62	12	49	19	38	I	M6x1P	6.6	13	FSDW2020B-2.0P	
25	4	2.381	3	580	2120	37	28	62	12	50	24	48	I	M6x1P	6.6	21	FSDW2504A-3.0P	
			3	740	2350	36										21	FSDW2505B-3.0P	
25	5	3.175	4	960	3190	40	41	62	12	51	24	48	I	M6x1P	6.6	28	FSDW2505B-4.0P	
		5	5	1180	4030	46										35	FSDW2505B-5.0P	
25	4	4.762	4	1920	5700	45	63	65	15	54	25.5	51	I	M6x1P	6.6	32	FSDW2510D-4.0P	
	10	3	2130	5570	51	58	87	16	72	34.5	69	I	M8x1P	9	27	FSDW2510F-3.0P		
5		3380	9550	78											42	FSDW2510F-5.0P		
28	25	3.969	2	780	2260	40	71	62	12	51	24	48	I	M6x1P	6.6	16	FSDW2525C-2.0P	
	5	3.175	5	1240	4530	43	48	65	12	54	24	48	I	M8x1P	6.6	38	FSDW2805B-5.0P	
32	5	3.175	4	1080	4130	50	41	87	16	72	34.5	69	I	M8x1P	9	34	FSDW3205B-4.0P	
	10	3	2410	7020	57	58	87	16	72	34.5	69	I	M8x1P	9	32	FSDW3210F-3.0P		
5		3820	12030	78											50	FSDW3210F-5.0P		
32	4.762	2	1100	3420	53	84	87	16	72	34.5	69	I	M8x1P	9	20	FSDW3232D-2.0P		

# FSDW



Unit: mm

SCREW SIZE		BALL DIA.	EFFECTIVE TURNS	MODIFIED LOAD CAPACITY (kgf)		BALLNUT DIMENSION												
O.D.	LEAD			Dynamic (1×10 <sup>6</sup> REV) Cam	Static Coam	O.D.	Length	Flange					Oil Hole	Assembly Hole	STIFFNESS	Nut Model NO.		
						D	L	A	T	W	G	H	TYPE	Q	X	kgf/μm		
36	10	6.35	3	2560	8250	70	58	108	17	90	36	82	I	M6x1P	11	52	FSDW3610F-3.0P	
		5	5	3970	13750	61	78	91	18	76	34	68	II	M6x1P	9	55	FSDW3610F-5.0P	
40	5	3.175	4	1180	5200	60	42	91	18	76	34	68	II	M8x1P	9	40	FSDW4005B-4.0P	
	10	6.35	5	4290	15290	65	78	95	18	80	36	72	II	M8x1P	9	59	FSDW4010F-5.0P	
40	20	6.35	4	3480	11990	65	110	98	18	83	37	74	I	M8x1P	11	48	FSDW4020F-4.0P	
	40	6.35	2	1810	5770	65	110	98	18	83	37	74	I	M8x1P	11	25	FSDW4040F-2.0P	
50	10	6.35	5	4780	19360	75	78	118	18	100	46	92	II	M8x1P	11	70	FSDW5010F-5.0P	

**Note:**

1. Cam and Coam represent the enhanced dynamic- and static load. Their calculations referred to the standard of ISO-3408-5.
2. 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.