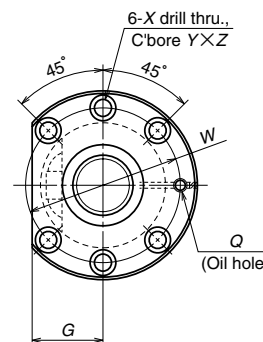


Nut type code: DFT



View X-X

Ball screw No.	Stroke Max. L_r-L_n	Screw shaft dia. d_1	Lead l	Ball dia. D_w	Ball circle dia. d_m	Root dia. d_r	Effective ball turns Turns × Circuits	Basic load rating (N)		Preload (N)	Dynamic friction torque, median (N·cm)	Nut				
								Dynamic C_a	Static C_{0a}			Outside dia. D	Flange			Overall length L_n
													A	G	B	
W4007SS-3D-C5Z10	507	40	10	6.350	41	34.4	2.5×2	52000	137000	3630	108	82	124	47	18	193
W4010SS-3D-C5Z10	807															
W4014SS-2D-C5Z10	1207															
W4018SS-3D-C5Z10	1607															
W4024SS-2D-C5Z10	2207															
W4010SS-5D-C5Z12	775	40	12	7.144	41.5	34.1	2.5×2	61000	155000	4310	138	86	128	48	18	225
W4016SS-3D-C5Z12	1375															
W4025SS-2D-C5Z12	2275															

Remarks: 1. NSK support unit is recommended.

2. Only rust preventive agent is applied at time of delivery. Please apply lubricant (oil or grease) before use.

3. Permissible rotational speed is determined by a $d \cdot n$ value and a critical speed. See page B509.

Unit: mm

dimensions				Screw shaft dimensions					Lead accuracy			Run out			Mass (Kg)	Permissible rotational speed (min ⁻¹)		
Bolt hole		Oil hole		Threaded length	Shaft end, right		Shaft end, left		Overall length	Travel compensation	Deviation	Variation	Shaft straightness	Nut O.D. eccentricity			Flange perpendicularity	
W	X	Y	Z	Q	L_t	d_2	L_1	L_2	d_3	L_3	L_0	T	e_p	v_u	I	J	K	
102	11	17.5	11	Rc1/8	700	40.3	60	350	34.4	100	1100	-0.017	0.035	0.025	0.065	0.025	0.015	15.5
					1000					100	1400	-0.024	0.040	0.027	0.080			18.1
					1400					120	1870	-0.034	0.054	0.035	0.100			22.2
					1800					120	2270	-0.043	0.065	0.040	0.130			25.6
					2400					150	2950	-0.058	0.077	0.046	0.170			31.6
106	11	17.5	11	Rc1/8	1000	40.3	70	350	34.1	100	1400	-0.024	0.040	0.027	0.080	0.025	0.015	19.7
					1600					150	2100	-0.038	0.054	0.035	0.130			25.8
					2500					150	3050	-0.060	0.077	0.046	0.170			34.0