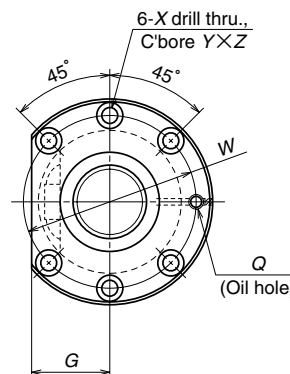


Nut type code: PFT



View X-X

Ball screw No.	Stroke Max. L <sub>r</sub> -L <sub>n</sub>	Screw shaft dia. d <sub>1</sub>	Lead l	Ball dia. D <sub>w</sub>	Ball circle dia. d <sub>m</sub>	Root dia. d <sub>r</sub>	Effective ball turns X Circuits	Basic load rating (N)			Preload (N)	Dynamic friction torque, median (N·cm)	Nut					
								Dynamic C <sub>a</sub>	Static C <sub>0a</sub>	Dynamic C <sub>a</sub>			Static C <sub>0a</sub>	Outside dia. D	Flange			Overall length L <sub>n</sub>
															A	G	B	
W2003SS-1P-C5Z4	251	20	4	2.381	20.3	17.8	2.5×2	5420	10700	290	3.9	40	63	24	11	49		
W2005SS-1P-C5Z4	451																	
W2008SS-1P-C5Z4	751																	
W2003SS-2P-C5Z5	244	20	5	3.175	20.5	17.2	2.5×2	9410	17100	490	7.8	44	67	26	11	56		
W2005SS-2P-C5Z5	444																	
W2007SS-1P-C5Z5	644																	
W2010SS-1P-C5Z5	944																	

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 · n value and a critical speed. See page B509.

Unit: mm

dimensions					Screw shaft dimensions					Lead accuracy			Run out			Mass (Kg)	Permissible rotational speed N (min <sup>-1</sup> )	
Bolt hole		Oil hole			Threaded length L <sub>1</sub>	Shaft end, right		Shaft end, left		Overall length L <sub>0</sub>	Travel compensation T	Deviation e <sub>s</sub>	Variation v <sub>u</sub>	Shaft straightness I	Nut O.D. eccentricity J			Flange perpendicularity K
W	X	Y	Z	Q		d <sub>2</sub>	L <sub>1</sub>	L <sub>2</sub>	d <sub>3</sub>									
51	5.5	9.5	5.5	M6×1	300	20.2	40	150	17.8	50	700	-0.012	0.027	0.020	0.085	0.015	0.011	1.5
					500													2.0
					800													2.9
55	5.5	9.5	5.5	M6×1	300	20.2	40	150	17.2	50	700	-0.012	0.027	0.020	0.085	0.015	0.011	1.6
					500													2.2
					700													2.8
					1000													3.5