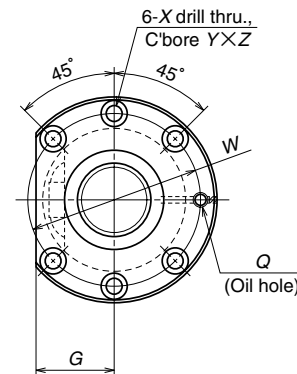


Nut type code: PFT



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 × Circuits	Basic load rating (N)		Preload (N)	Dynamic friction torque median (N·cm)	Nut				
								Dynamic C <sub>0a</sub>	Static C <sub>0a</sub>			Outside dia. D	Flange			Overall length L <sub>n</sub>
													A	G	B	
W2503SS-1P-C5Z4	252	25	4	2.381	25.3	22.8	2.5×2	6020	13600	290	4.9	46	69	26	11	48
W2506SS-1P-C5Z4	552															
W2510SS-1P-C5Z4	952															
W2503SS-2P-C5Z5	245	25	5	3.175	25.5	22.2	2.5×2	10400	21900	540	8.8	50	73	28	11	55
W2505SS-1P-C5Z5	445															
W2508SS-1P-C5Z5	745															
W2512SS-1P-C5Z5	1145															
W2504SS-1P-C5Z6	338															
W2508SS-2P-C5Z6	738	25	6	3.969	25.5	21.4	2.5×2	14100	26800	690	13.8	53	76	29	11	62
W2512SS-2P-C5Z6	1138															

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.

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>s</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>5</sub>									
57	5.5	9.5	5.5	M6×1	300	25.2	40	200	22.8	—	450	-0.007	0.023	0.018	0.040	0.015	0.011	2.2
					600					100	900	-0.014	0.030	0.023	0.075			3.8
					1000					100	1300	-0.024	0.040	0.027	0.120			5.2
61	5.5	9.5	5.5	M6×1	300	25.2	40	200	22.2	—	500	-0.007	0.023	0.018	0.040	0.015	0.011	2.5
					500					50	750	-0.012	0.027	0.020	0.060			3.4
					800					100	1150	-0.019	0.035	0.025	0.090			4.8
					1200					100	1600	-0.029	0.046	0.030	0.120			6.3
					400					200	—	600	-0.010	0.025	0.020			0.050
64	5.5	9.5	5.5	M6×1	800	25.2	40	250	21.4	100	1150	-0.019	0.035	0.025	0.090	0.019	0.013	4.8
					1200					100	1600	-0.029	0.046	0.030	0.120			6.3

Unit: mm