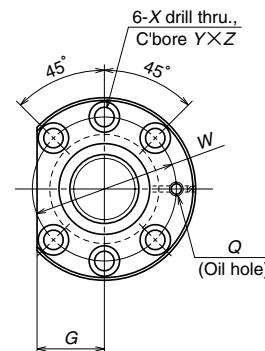


Nut type code: ZFD



View X-X

Ball screw No.	Stroke Max. $L_t-L_n$	Screw shaft dia. $d_1$	Lead $l$	Ball dia. $D_w$	Ball circle dia. $d_m$	Root dia. $d_t$	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 $L_n$
													$A$	$G$	$B$	
W2502SS-1ZY-C5Z5	184	25	5	3.175	25.75	22.4	1×3	9790	22900	740	13.8	40	63	24	11	66
W2504SS-3ZY-C5Z5	334															
W2506SS-2ZY-C5Z5	534															
W2509SS-1ZY-C5Z5	834															
W2512SS-3ZY-C5Z5	1134															
W2504SS-4ZY-C5Z10	312	25	10	4.762	26.25	21.3	1×2	11400	21400	880	21.5	42	69	26	15	88
W2506SS-3ZY-C5Z10	512															
W2508SS-3ZY-C5Z10	712															
W2511SS-1ZY-C5Z10	1012															
W2515SS-2ZY-C5Z10	1412															

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.

dimensions				Screw shaft dimensions				Lead accuracy			Run out			Mass (Kg)	Permissible rotational speed N (min <sup>-1</sup> )					
Bolt hole		Oil hole		Threaded length $L_t$	Shaft end, right		Shaft end, left		Travel compensation $T$	Deviation $e_p$	Variation $v_u$	Shaft straightness $I$	Nut O.D. eccentricity $J$			Flange perpendicularity $K$				
$W$	$X$	$Y$	$Z$		$Q$	$d_2$	$L_1$	$L_2$									$d_3$	$L_3$	$L_0$	
51	5.5	9.5	5.5	M6×1	250	25.2	40	22.4	200	100	—	450	-0.005	0.023	0.018	0.040	2.1	2800		
					400				200		650	-0.009	0.025	0.020	0.060	2.8				
					600				250		100	950	-0.013	0.030	0.023	0.075	0.015		0.011	3.9
					900				250		100	1250	-0.021	0.040	0.027	0.090	4.9			
					1200				300		100	1600	-0.028	0.046	0.030	0.120	6.2			
55	6.6	11	6.5	M6×1	400	25.2	60	21.3	200	100	50	650	-0.008	0.025	0.020	0.060	3.0	2800		
					600				250		100	950	-0.012	0.030	0.023	0.075	4.1			
					800				250		100	1150	-0.017	0.035	0.025	0.090	0.015		0.011	4.8
					1100				300		100	1500	-0.024	0.046	0.030	0.120	6.0			
					1500				300		100	1900	-0.034	0.054	0.035	0.150	7.4			

Unit: mm