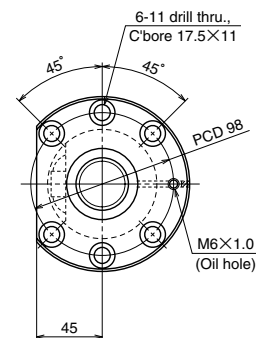


Unit: mm



View X-X

Ball screw specifications		
Shaft dia. x Lead / Direction of turn	36 × 10 / Right	
Preload / Ball recirculation	Z preload / Return tube	
Ball dia. / Ball circle dia.	6.35 / 37	
Effective turns of balls	2.5 × 1	
Accuracy grade / Preload	C5 / Z	
Basic load rating (N)	Dynamic C_a	27200
	Static C_{0a}	61300
Preload (N)	2060	
Dynamic friction torque, median, (N · cm)	59.0	
Spacer ball	None	
Factory packed grease	Refer to Remarks 2.	
Internal spatial volume of nut (cm ³)	32	

Ball screw No.	Stroke		Screw shaft length		
	Nominal	Maximum (L ₁ -Nut length)	L ₁	L ₂	L ₃
W3604SA-1Z-C5Z10	350	377	480	500	670
W3606SA-1Z-C5Z10	550	577	680	700	870
W3609SA-1Z-C5Z10	850	877	980	1000	1239
W3613SA-1Z-C5Z10	1250	1277	1380	1400	1639
W3617SA-1Z-C5Z10	1650	1677	1780	1800	2039

Left side shaft end	Lead accuracy			Shaft run-out **	Mass (Kg)	Permissible rotational speed N (min ⁻¹)	
	T	e _p	v _u			Supporting condition	
							Fixed - Simple support
II	-0.012	0.027	0.020	0.040	7.4	1940	—
II	-0.016	0.035	0.025	0.050	8.8	1940	—
I	-0.024	0.040	0.027	0.065	11.1	1940	1940
I	-0.033	0.054	0.035	0.100	13.9	1940	1940
I	-0.043	0.065	0.040	0.130	16.6	1480	1940

- Remarks 1. We recommend NSK support unit round type WBK30DF-31 and WBK25DF-31.
 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.
 Root diameter of screw shaft (dr) is 30.4 mm.

Unit: mm