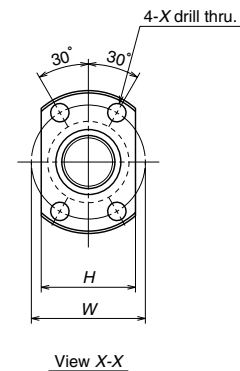


Nut type code: MSFD



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	Basic load rating (N)		Axial play Max.	Nut			
								Dynamic $C_a$	Static $C_{0a}$		Outside dia.		Flange	
											$D$	$A$	$H$	$B$
<b>W1001MS-2Y-C3T2.5</b>	118	10	2.5	1.588	10.4	8.6	3	2130	3640	0.005	19	36	23	5
<b>W1002MS-2Y-C3T2.5</b>	218													
<b>W1202MS-1Y-C3T2</b>	182	12	2	1.200	12.3	10.9	3	1660	3620	0.005	20	37	24	5
<b>W1203MS-1Y-C3T2</b>	282													
<b>W1202MS-2Y-C3T2.5</b>	178	12	2.5	1.588	12.4	10.6	3	2360	4540	0.005	21	38	25	5
<b>W1203MS-2Y-C3T2.5</b>	278													

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 $N(\text{min}^{-1})$
Overall length $L_n$	Bolt hole		Threaded length $L_t$	Shaft end, right		Shaft end, left		Overall length $L_0$	$T$	Deviation $e_p$	Variation $v_u$	Shaft straightness $I$	Nut O.D. eccentricity $J$	Flange perpendicularity $K$		
	$W$	$X$		$d_2$	$L_1$	$L_2$	$d_3$								$L_3$	
32	28	4.5	150	12.2	4	70	8.7	30	250	0	0.010	0.008	0.035	0.010	0.008	0.23
			350						0.050							0.28
28	29	4.5	210	14.2	5	80	11.0	35	325	0	0.012	0.008	0.050	0.010	0.008	0.36
			425						0.060							0.44
32	30	4.5	210	14.2	5	80	10.7	35	325	0	0.012	0.008	0.050	0.010	0.008	0.37
			425						0.060							0.45