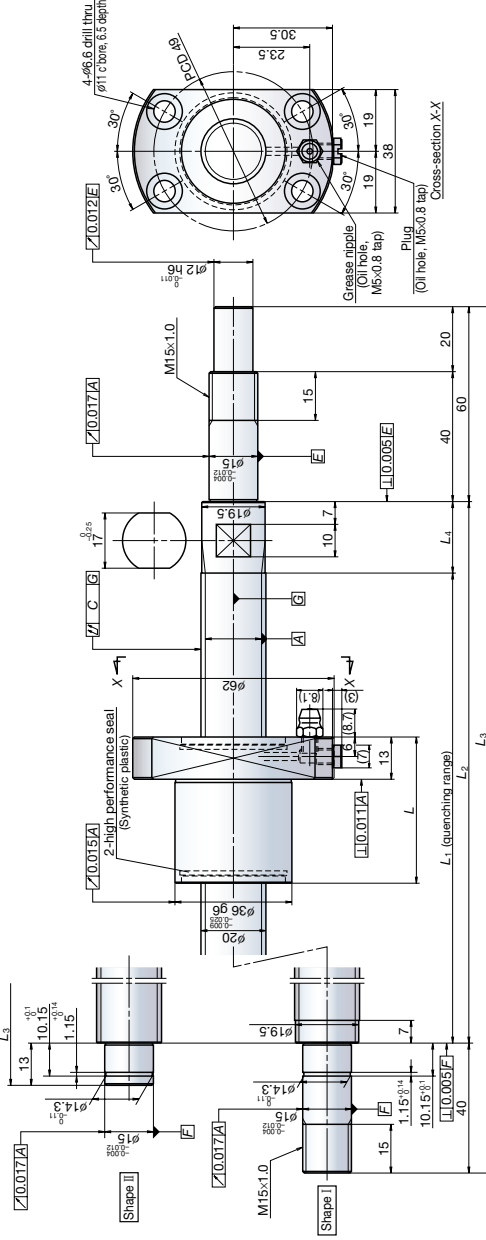


Screw shaft $\phi 20$
Lead 5, 10, 20, 30, 40, 60



Ball screw specification

Preload type	Enlarge ball preload (P-preload)
Ball diameter/screw shaft root diameter	3.175/17.2
Accuracy grade/axial play	C5/0
Factory pre-packed grease	NSK grease LR3

Recommended support unit

WBK15-01B	(square, fixed side)
WBK15S-01B	(square, simple side)
WBK15-11	(round, fixed side)

Reference number	Screw shaft diameter d	Lead ℓ	Basic load ratings (N)		Stroke	Nut length L	Screw shaft dimensions				Lead accuracy		Shaft runout C	Dynamic preload torque (N·cm) ^{*1}	Permissible rotational speed (min ⁻¹) ^{*2}		Left shaft end (opposite driven side)
			Dynamic C_a	Static C_{0a}			Nominal L_1	Max. L_2	L_3	L_4	Target value T	Error σ_a			Variation σ_v	Fixed-Simple	
PSS2005N1D0323	20	5	8 730	18 500	150	197	228	250	323	0.023	0.018	0.045	0.6	7.4	5 000	Shape II	
PSS2005N1D0373					200	247	278	300	373	0.023	0.018	0.045	0.6	7.4			
PSS2005N1D0473					300	347	378	400	473	0.025	0.020	0.050	0.6	7.4			
PSS2005N1D0573					400	447	478	500	573	0.027	0.020	0.060	0.4	9.8			
PSS2005N1D0673					500	547	578	600	673	0.030	0.023	0.075	0.4	9.8			
PSS2005N1D0773					600	647	678	700	773	0.035	0.025	0.095	0.4	9.8			
PSS2005N1D0873					700	747	778	800	873	0.035	0.025	0.095	0.4	9.8			
PSS2005N1D1000					800	847	878	900	1000	0.040	0.027	0.095	0.4	11.8			
PSS2005N1D10387					2000	247	282	314	387	0.023	0.018	0.045	1.2	9.3			
PSS2005N1D10487					3000	347	392	414	487	0.025	0.020	0.050	1.2	9.3			
PSS2005N1D10587	4000	447	492	514	587	0.027	0.020	0.060	0.8	10.8							
PSS2005N1D10687	5000	547	592	614	687	0.030	0.023	0.075	0.8	10.8							
PSS2005N1D10787	6000	647	692	714	787	0.035	0.025	0.095	0.8	10.8							
PSS2005N1D10887	7000	747	792	814	887	0.035	0.025	0.095	0.8	10.8							
PSS2005N1D11014	8000	847	892	914	1014	0.040	0.027	0.120	0.8	13.8							
PSS2005N1D1214	10000	1047	1092	1114	1214	0.046	0.030	0.120	0.8	13.8							
PSS2005N1D1414	12000	1247	1292	1314	1414	0.054	0.035	0.160	0.8	13.8							
PSS2005N1D16068	3000	359	413	435	508	0.030	0.023	0.060	1.4	11.8							
PSS2005N1D17078	4000	459	513	535	608	0.030	0.023	0.060	1.4	11.8							
PSS2005N1D18078	5000	559	613	635	708	0.030	0.023	0.060	1.4	11.8							
PSS2005N1D19078	6000	659	713	735	808	0.035	0.025	0.095	1.4	11.8							
PSS2005N1D20078	7000	759	813	835	908	0.040	0.027	0.095	0.8	13.8							
PSS2005N1D10355	8000	859	913	935	1035	0.046	0.030	0.120	0.8	13.8							
PSS2005N1D11235	10000	1059	1113	1135	1235	0.046	0.030	0.120	0.8	13.8							
PSS2005N1D12435	12000	1259	1313	1335	1435	0.054	0.035	0.160	0.8	13.8							
PSS2005N1D14335	16000	1659	1713	1735	1835	0.065	0.040	0.200	0.8	13.8							
PSS2005N1D14048	2000	234	308	355	408	0.023	0.018	0.060	1.6	9.8							
PSS2005N1D14058	3000	334	408	455	508	0.027	0.020	0.060	1.4	11.8							
PSS2005N1D14068	4000	434	508	555	608	0.030	0.023	0.060	1.4	11.8							
PSS2005N1D14078	5000	534	608	655	708	0.030	0.023	0.060	1.4	11.8							
PSS2005N1D14088	6000	634	708	755	808	0.035	0.025	0.095	1.4	11.8							
PSS2005N1D14098	7000	734	808	855	908	0.035	0.025	0.095	1.4	11.8							
PSS2005N1D14098	8000	834	908	955	1008	0.040	0.027	0.095	0.8	13.8							
PSS2005N1D14098	9000	934	1008	1055	1108	0.046	0.030	0.120	0.8	13.8							
PSS2005N1D12355	10000	1034	1108	1135	1235	0.054	0.035	0.160	0.8	13.8							
PSS2005N1D14355	12000	1234	1308	1335	1435	0.060	0.040	0.200	1.8	14.8							
PSS2005N1D14355	4000	461	553	585	658	0.030	0.023	0.075	2.2	12.8							
PSS2005N1D14355	5000	561	653	685	758	0.035	0.025	0.095	2.2	12.8							
PSS2005N1D14355	6000	661	753	785	858	0.035	0.025	0.095	2.2	12.8							
PSS2005N1D14355	7000	761	853	885	958	0.040	0.027	0.095	1.8	14.8							
PSS2005N1D1085	8000	861	953	985	1085	0.040	0.027	0.120	1.8	14.8							
PSS2005N1D1285	10000	1061	1153	1185	1285	0.046	0.030	0.160	1.8	14.8							
PSS2005N1D1485	12000	1261	1353	1385	1485	0.054	0.035	0.160	1.8	14.8							
PSS2005N1D1885	16000	1661	1753	1785	1885	0.065	0.040	0.200	1.8	14.8							
PSS2005N1D2285	20000	2061	2153	2185	2285	0.077	0.046	0.240	1.8	14.8							
PSS2005N1D14355	4000	464	593	635	708	0.030	0.023	0.075	2.7	13.8							
PSS2005N1D14355	5000	564	693	735	808	0.035	0.025	0.095	2.7	13.8							
PSS2005N1D14355	6000	664	793	835	908	0.035	0.025	0.095	2.7	13.8							
PSS2005N1D14355	7000	764	893	935	1008	0.040	0.027	0.120	1.8	14.8							
PSS2005N1D11335	8000	864	993	1035	1135	0.040	0.027	0.120	1.8	14.8							
PSS2005N1D1335	10000	1064	1193	1235	1335	0.046	0.030	0.160	1.8	14.8							
PSS2005N1D1535	12000	1264	1393	1435	1535	0.054	0.035	0.160	1.8	14.8							
PSS2005N1D1335	16000	1664	1793	1835	1935	0.065	0.040	0.200	1.8	14.8							
PSS2005N1D2335	20000	2064	2193	2235	2335	0.077	0.046	0.240	1.8	14.8							

*1. Indicates ball screw preload control value. About 3.0 N·cm of torque is added due to high performance seal. *2. Contact NSK if permissible rotational speed is to be exceeded. *3. Service temperature range is -20°C to 80°C.