

Sequence number	ball screw code name	ball screw size		ball diameter	number of recirculating turns	screw nut installation size						rated load(N)		contact rigidity Ka(N/μm)		
		pitch diameter	screw lead			external diameter D	full length L	b	h	Y	X	R	dynamic load		static load	
		d _e	Ph										Dw		Ca	Cao
1	12524-5	125	24	10.318	2.5×2	180	200	32	11	100	136	40	205420	988466	2463	
2	12524-7.5				2.5×3		275						291127	1482699	3635	
3	12532-5		32	15.081	2.5×2	185	250	32	11	107	140	45	346172	1429114	2632	
4	12532-7.5				2.5×3		350						490604	2143671	3909	
5	14024-5	140	24	10.318	2.5×2	210	200	32	11	115	154	50	215847	1108662	2689	
6	14024-7.5				2.5×3		275						305903	1662993	3967	
7	14032-5		32	15.081	2.5×2	220	255	32	11	135	163	60	362953	1600199	2914	
8	14032-7.5				2.5×3		350						514386	2400299	4297	
9	14040-5		40	17.4625	2.5×2	220	306	32	11	135	163	60	441889	1839067	3003	
10	14040-7.5				2.5×3		430						626256	2758601	4428	
11	14050-5		50	18	2.5×2	225	380	32	11	141	167	70	455784	1869781	3031	
12	14050-7.5				2.5×3		530						645948	2804671	4466	
13	16032-5		160	32	15.081	2.5×2	245	252	36	12	141	180	60	383101	1828174	3192
14	16032-7.5					2.5×3		350						542941	2742261	4708
15	16040-5			40	17.4625	2.5×2	245	306	36	12	141	180	60	462778	2069712	3260
16	16040-7.5					2.5×3		430						655860	3104568	4807
17	16050-5	50		18	2.5×2	350	380	36	12	147	185	70	491113	2193374	3494	
18	16050-7.5				2.5×3		530						696018	3290061	5148	
19	20032-5	200		32	15.081	2.5×2	295	252	45	15	162	216	70	418012	2283824	3699
20	20032-7.5					2.5×3		350						592417	3425736	5459
21	20040-5		40	17.4625	2.5×2	295	306	45	15	162	216	70	518326	2678647	3906	
22	20040-7.5				2.5×3		426						734584	4017970	5762	

23	20050-5		50	18	2.5×2	300	380	45	15	168	221	70	540638	2762026	4023
24	20050-7.5				2.5×3		530						766205	4143039	5932
25	25040-5	250	40	17.4625	2.5×2	335	312	50	17	194	266	70	567189	3365540	4424
26	25040-7.5				2.5×3		432						803834	5048310	6533
27	25050-5		50	18	2.5×2	370	385	50	17	206	274	90	585394	3412641	4669
28	25050-7.5				2.5×3		535						829634	5118962	6887