



Sequence number	Ball screw code name	Ball screw size				Ball diameter	Number of recirculating turns	Screw nut installation size							small round nuts GB/T810-88	flat key GB/T1096-79	rated load (N)		contact rigidity Ka(N/μm)
		Pitch diameter	External diameter	Bottom diameter	Screw lead			D1	D	L1	L2	L3	B	T			dynamic load	static load	
		d <sub>0</sub>	d <sub>1</sub>	d <sub>2</sub>	Ph			Dw									Ca	Cao	
	2004LH-3	20	19.3	17.3	4	2.381	3	30	45	70	28	44	6	32	M30×1.5	4×4×30	5051	11779	368
	2004-3	20	19.3	17.3	4	2.381	3	30	45	70	28	44	6	32	M30×1.5	4×4×30	5051	11779	368
	2005-3	20	19.2	16.3	5	3.175	3	34	48	81	34	55	6	36.5	M33×1.5	5×5×40	7562	15650	386
	2505-3	25	24.2	21.3	5	3.175	3	42	58	84	34.5	55	8	44.5	M42×1.5	5×5×40	9069	22108	506

	2506-3	25	24.2	21.3	6	3.175	3	45	62	95	41	66	8	48	M45×1.5	6×6×45	9059	22089	508
	3205-3	32	31.2	28.3	5	3.175	3	50	68	88	37	55	8	52.5	M48×1.5	5×5×40	10381	29707	622
	3206-3	32	31	27.4	6	3.969	3	50	68	99	41	66	8	53	M48×1.5	6×6×45	13913	36232	638
	4006-3	40	39	35.4	6	3.969	3	60	80	101	42	66	10	63	M60×2	6×6×45	15516	46430	758
	4008-3	40	38.5	34.5	8	4.763	3	60	80	119	52	84	10	63	M60×2	8×7×55	19713	54607	786
	4010-3	40	38.2	32.7	10	6.35	3	65	85	140	62	102	13	68	M64×2	6×6×60	27490	66791	780
	5006-4	50	49	45.4	6	3.969	4	72	95	117	50	78	10	75.5	M72×2	8×7×55	22194	80028	1184
	5008-4	50	48.5	44.5	8	4.763	4	75	95	144	64	102	12	79	M72×2	12×8×80	28592	95605	1264
	5010-4	50	48.2	42.7	10	6.35	4	75	95	167	76	124	13	79	M72×2	12×8×100	40446	117931	1258
	5012-4	50	49	41.8	12	7.144	4	75	95	191	89	146	15	79	M72×2	12×8×120	47876	134407	1308
	6310-4	63	61.2	55.7	10	6.35	4	90	115	168	77	124	14	95	M90×2	16×10×100	46474	158387	1542
	6312-4	63	61	54.8	12	7.144	4	90	115	195	90	150	15	95	M90×2	16×10×100	48999	154538	1446
	8010-4	80	78.1	72.7	10	6.35	4	110	135	180	79	127	15	116	M110×2	20×12×100	51708	204840	1822
	8012-4	80	77.9	71.8	12	7.144	4	110	135	204	91	150	16	116	M110×2	20×12×100	60923	229806	1890