

HRB Bearings Catalogue - Linear Bearings

Bearing Numbers		The number of rows	Boundary Dimensions (mm) and Allowed Deviation (µm)															Diameter before (µm)		Dynamic load rating (N)		Rated static load (N)	
HRB	International code		d			D			L		B		W	D1	h	h1	θ	max		C		Co	
			nominal	Tolerance		nominal	Tolerance		nominal	Tolerance	nominal	Tolerance						J	P	min	max	min	max
ZX61219A	LB61219TN	3	6	0 -6	0 -9	12	0 -11	0 -11	19	0 -200	13.5	0 -200	1.1	11.5				12	20	68.6	68.6	127.4	127.4
ZX61219tA	LB61219AJTN	3	6	0 -6	0 -9	12	0 -11	0 -11	19	0 -200	13.5	0 -200	1.1	11.5	1			12	20	68.6	68.6	127.4	127.4
ZX81517A	LB81517TN	3	8	0 -6	0 -9	15	0 -11	0 -11	17	0 -200	11.5	0 -200	1.1	14.3				12	20	78.4	78.4	117.6	117.6
ZX81517tA	LB81524AJTN	3	8	0 -6	0 -9	15	0 -11	0 -11	17	0 -200	11.5	0 -200	1.1	14.3	1			12	20	78.4	78.4	117.6	117.6
ZX81524A	LB81524TN	3	8	0 -6	0 -9	15	0 -11	0 -11	24	0 -200	17.5	0 -200	1.1	14.3				12	20	107.8	107.8	215.6	215.6
ZX81524tA	LB81524AJTN	3	8	0 -6	0 -9	15	0 -11	0 -11	24	0 -200	17.5	0 -200	1.1	14.3	1			12	20	107.8	107.8	215.6	215.6
ZX101929A	LB101929TN	4	10	0 -6	0 -9	19	0 -13	0 -13	29	0 -200	22	0 -200	1.3	18				12	20	156.8	225.4	284.2	411.6
ZX101929tA	LB101929AJTN	4	10	0 -6	0 -9	19	0 -13	0 -13	29	0 -200	22	0 -200	1.3	18	1			12	20	156.8	225.4	284.2	411.6
ZX132332A	LB132332TN	4	13	0 -6	0 -9	23	0 -13	0 -13	32	0 -200	23	0 -200	1.3	22				12	20	264.6	372.4	480.2	686
ZX132332tA	LB132332AJTN	4	13	0 -6	0 -9	23	0 -13	0 -13	32	0 -200	23	0 -200	1.3	22	1.5			12	20	264.6	372.4	480.2	686
ZX132332KA	LB132332OPTN	3	13	0 -6	0 -9	23	0 -13	0 -13	32	0 -200	23	0 -200	1.3	22		9	80°	12	20	264.6	372.4	480.2	686
ZX162837A	LB162837TN	4	16	0 -6	0 -9	28	0 -13	0 -13	37	0 -200	37	0 -200	1.6	27				12	20	421.4	597.8	725.2	980
ZX162837tA	LB162837AJTN	4	16	0 -6	0 -9	28	0 -13	0 -13	37	0 -200	37	0 -200	1.6	27	1.5			12	20	421.4	597.8	725.2	980
ZX162837KA	LB162837OPTN	3	16	0 -6	0 -9	28	0 -13	0 -13	37	0 -200	37	0 -200	1.6	27		11	80°	12	20	421.4	597.8	725.2	980
LB-16-2RS	LB162837TN-2RS	4	16	0 -6	0 -9	28	0 -13	0 -13	37	0 -200	37	0 -200	1.6	27				12	20	421.4	597.8	725.2	980

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			nominal	Tolerance		nominal	Tolerance		nominal	Tolerance	nominal	Tolerance						J	P	min	max	min	max
ZX203242A	LB203242TN	5	20	0 -7	0 -10	32	0 -16	0 -16	42	0 -200	30.5	0 -200	1.6	30.5				15	25	558.6	823.2	921.2	1470
ZX203242tA	LB203242AJTN	5	20	0 -7	0 -10	32	0 -16	0 -16	42	0 -200	30.5	0 -200	1.6	30.5	1.5			15	25	558.6	823.2	921.2	1470
ZX203242KA	LB203242OPTN	4	20	0 -7	0 -10	32	0 -16	0 -16	42	0 -200	30.5	0 -200	1.6	30.5		11	60°	15	25	558.6	823.2	921.2	1470
LB20A-2RS	LB203242TN-2RS	5	20	0 -7	0 -10	32	0 -16	0 -16	42	0 -200	30.5	0 -200	1.6	30.5				15	25	558.6	823.2	921.2	1470
ZX254059A	LB254059TN	6	25	0 -7	0 -10	40	0 -16	0 -16	59	0 -300	41	0 -300	1.85	38				15	25	872.2	1078	1568	2058
ZX254059tA	LB254059AJTN	6	25	0 -7	0 -10	40	0 -16	0 -16	59	0 -300	41	0 -300	1.85	38	2			15	25	872.2	1078	1568	2058
ZX254059KA	LB254059OPTN	5	25	0 -7	0 -10	40	0 -16	0 -16	59	0 -300	41	0 -300	1.85	38		12	50°	15	25	872.2	1078	1568	2058
ZX304564A	LB304564TN	6	30	0 -7	0 -10	45	0 -16	0 -16	64	0 -300	44.5	0 -300	1.85	43				15	25	1274	1666	2156	2744
ZX304564tA	LB304564AJTN	6	30	0 -7	0 -10	45	0 -16	0 -16	64	0 -300	44.5	0 -300	1.85	43	2.5			15	25	1274	1666	2156	2744
ZX304564KA	LB304564OPTN	5	30	0 -7	0 -10	45	0 -16	0 -16	64	0 -300	44.5	0 -300	1.85	43		15	50°	15	25	1274	1666	2156	2744
LB30A-2RS	LB304564TN-2RS	6	30	0 -7	0 -10	45	0 -16	0 -16	64	0 -300	44.5	0 -300	1.85	43				15	25	1274	1666	2156	2744
ZX355270A	LB355270TN	6	35	0 -8	0 -12	52	0 -19	0 -19	70	0 -300	49.5	0 -300	2.1	49				18	30	1666	2058	3038	3920
ZX355270tA	LB355270AJTN	6	35	0 -8	0 -12	52	0 -19	0 -19	70	0 -300	49.5	0 -300	2.1	49	2.5			18	30	1666	2058	3038	3920
ZX355270KA	LB355270OPTN	5	35	0 -8	0 -12	52	0 -19	0 -19	70	0 -300	49.5	0 -300	2.1	49		17	50°	18	30	1666	2058	3038	3920
ZX385776A	LB385776TN	6	38	0 -8	0 -12	57	0 -19	0 -19	76	0 -300	58.5	0 -300	2.1	54.5				18	30	2058	2646	3528	4508
ZX385776tA	LB385776AJTN	6	38	0 -8	0 -12	57	0 -19	0 -19	76	0 -300	58.5	0 -300	2.1	54.5	3			18	30	2058	2646	3528	4508

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			nominal	Tolerance		nominal	Tolerance		nominal	Tolerance	nominal	Tolerance						J	P	min	max	min	max
ZX385776KA	LB385776OPTN	5	38	0 -8	0 -12	57	0 -19	0 -19	76	0 -300	58.5	0 -300	2.1	54.5		18	50°	18	30	2058	2646	3528	4508
ZX406080A	LB406080TN	6	40	0 -8	0 -12	60	0 -19	0 -19	80	0 -300	60.5	0 -300	2.1	57				18	30	2058	2646	3528	4606
ZX406080tA	LB406080AJTN	6	40	0 -8	0 -12	60	0 -19	0 -19	80	0 -300	60.5	0 -300	2.1	57	3			18	30	2058	2646	3528	4606
ZX406080KA	LB406080OPTN	5	40	0 -8	0 -12	60	0 -19	0 -19	80	0 -300	60.5	0 -300	2.1	57		20	50°	18	30	2058	2646	3528	4606
ZX5080100A	LB5080100TN	6	50	0 -8	0 -12	80	0 -19	0 -19	100	0 -300	74	0 -300	2.6	76.5				18	30	4018	5096	6958	8918
ZX5080100tA	LB5080100AJTN	6	50	0 -8	0 -12	80	0 -19	0 -19	100	0 -300	74	0 -300	2.6	76.5	3			18	30	4018	5096	6958	8918
ZX5080100KA	LB5080100OPTN	5	50	0 -8	0 -12	80	0 -19	0 -19	100	0 -300	74	0 -300	2.6	76.5		25	50°	18	30	4018	5096	6958	8918
ZX6090110A	LB6090110TN	6	60	0 -9	0 -15	90	0 -22	0 -22	110	0 -300	85	0 -300	3.15	86.5				25	30	4802	6174	8036	10290
ZX6090110tA	LB6090110AJTN	6	60	0 -9	0 -15	90	0 -22	0 -22	110	0 -300	85	0 -300	3.15	86.5	3			25	30	4802	6174	8036	10290
ZX6090110KA	LB6090110OPTN	5	60	0 -9	0 -15	90	0 -22	0 -22	110	0 -300	85	0 -300	3.15	86.5		30	50°	25	30	4802	6174	8036	10290
ZX8012040A	LB8012040TN	6	80	0 -9	0 -15	120	0 -22	0 -22	140	0 -400	105.5	0 -400	4.15	116				25	30	8820	11368	14210	18228
ZX8012040tA	LB8012040AJTN	6	80	0 -9	0 -15	120	0 -22	0 -22	140	0 -400	105.5	0 -400	4.15	116	3			25	30	8820	11368	14210	18228
ZX8012040KA	LN8012040OPTN	6	80	0 -9	0 -15	120	0 -22	0 -22	140	0 -400	105.5	0 -400	4.15	116		40	50°	25	30	8820	11368	14210	18228
ZX100150175A	LB100150175TN	6	100	0	0	150	0	0	175	0 -400	125.5	0 -400	4.15	145				30	35	14700	18816	22344	28616
ZX100150175tA	LB100150175AJTN	6	100	0	0	150	0	0	175	0 -400	125.5	0 -400	4.15	145	3			30	35	14700	18816	22344	28616
ZX100150175KA	LB100150175OPTN	5	100	0	0	150	0	0	175	0 -400	125.5	0 -400	4.15	145		50	50°	30	35	14700	18816	22344	28616