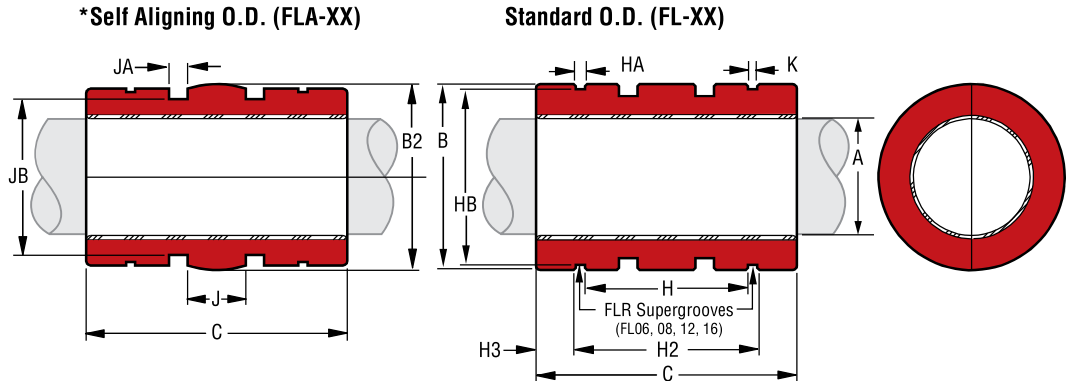




Simplicity® Linear Plain Bearings

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* Except for the O.D., bearings with the self-aligning feature have the same dimensions and tolerances as the standard bearing. There is a spherical crown on the O.D. to create the self-aligning feature. They are for use in a straight bore housing. Add an "A" to the part number for self-aligning bearings.

DIMENSIONAL INFORMATION

PRECISION I.D. SERIES SIMILAR TO PRELOADED BALL BEARING				COMPENSATED I.D. SERIES ALLOWS ADDITIONAL RUNNING CLEARANCE				NOMINAL SIZE	B STANDARD O.D.		B2 SELF-ALIGNING FLA CROWN O.D.		C LENGTH		CON-CENTRIC MAX.	BEARING WEIGHT LBS.	K FLR RET. RING GRV.
PART NO.		A BEARING I.D.		PART NO.		A BEARING I.D.			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.			
CLOSED	OPEN	MIN.	MAX.	CLOSED	OPEN	MIN.	MAX.	IN	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MAX.	LBS.	
FL 03	N/A	0.1877	0.1884	FLC 03	N/A	0.1897	0.1904	3/16	0.3740	0.3750	0.3725	0.3735	0.5470	0.5620	0.0010	0.0030	N/A
FL 04	FLN 04	0.2502	0.2511	FLC 04	FLCN 04	0.2522	0.2531	1/4	0.4990	0.5000	0.4975	0.4985	0.7350	0.7500	0.0010	0.0090	N/A
FL 06	FLN 06	0.3752	0.3761	FLC 06	FLCN 06	0.3772	0.3781	3/8	0.6240	0.6250	0.6225	0.6235	0.8600	0.8750	0.0010	0.0160	0.0720
FL 08	FLN 08	0.5002	0.5013	FLC 08	FLCN 08	0.5022	0.5033	1/2	0.8740	0.8750	0.8725	0.8735	1.2350	1.2500	0.0010	0.0410	0.0800
FL 10	FLN 10	0.6252	0.6263	FLC 10	FLCN 10	0.6272	0.6283	5/8	1.1240	1.1250	1.1225	1.1235	1.4850	1.5000	0.0010	0.0910	N/A
FL 12	FLN 12	0.7503	0.7516	FLC 12	FLCN 12	0.7533	0.7546	3/4	1.2490	1.2500	1.2475	1.2485	1.6100	1.6250	0.0010	0.1090	0.1710
FL 16	FLN 16	1.0003	1.0016	FLC 16	FLCN 16	1.0033	1.0046	1	1.5613	1.5625	1.5599	1.5609	2.2350	2.2500	0.0010	0.2280	0.1330
FL 20	FLN 20	1.2504	1.2519	FLC 20	FLCN 20	1.2544	1.2559	1-1/4	1.9988	2.0000	1.9974	1.9984	2.6100	2.6250	0.0010	0.4590	N/A
FL 24	FLN 24	1.5004	1.5019	FLC 24	FLCN 24	1.5044	1.5059	1-1/2	2.3738	2.3750	2.3724	2.3734	2.9850	3.0000	0.0010	0.7250	N/A
FL 32	FLN 32	2.0004	2.0022	FLC 32	FLCN 32	2.0054	2.0072	2	2.9986	3.0000	2.9973	2.9983	3.9850	4.0000	0.0010	1.4420	N/A
FL 40	FLN 40	2.5004	2.5022	FLC 40	FLCN 40	2.5054	2.5072	2-1/2	3.7484	3.7500	3.7472	3.7482	4.9850	5.0000	0.0013	2.8160	N/A
FL 48	FLN 48	3.0004	3.0022	FLC 48	FLCN 48	3.0064	3.0082	3	4.4980	4.5000	4.4970	4.4980	5.9850	6.0000	0.0015	4.9140	N/A
FL 64	FLN 64	4.0005	4.0026	FLC 64	FLCN 64	4.0065	4.0086	4	5.9980	6.0000	5.9970	5.9980	7.9850	8.0000	0.0020	11.8360	N/A

MOUNTING DIMENSIONAL INFORMATION

PART NO.		NOMINAL SIZE IN	H	HA	HB	TRUARC RET. RING PART NO.	J	JA	JB	PARKER O'RING PART NO.	H2	H3
CLOSED	OPEN		BETWEEN RET. RINGS	RET. RING GRV. WIDTH	RET. RING GRV. DIA.		BETWEEN O'RING GRVS.	O'RING GRV. WIDTH	O'RING GRV. DIA.		FLR BETWEEN RINGS	FLR RING EDGE
FL 03	N/A	3/16	0.375	0.030	0.352	N 5100-37	N/A	N/A	N/A	N/A	N/A	N/A
FL 04	FLN 04	1/4	0.437	0.041	0.467	N 5100-50	0.125	0.080	0.399	2-010	N/A	N/A
FL 06	FLN 06	3/8	0.562	0.041	0.587	N 5100-62	0.187	0.080	0.524	2-012	.711/.701	0.081
FL 08	FLN 08	1/2	0.875	0.048	0.820	N 5100-87	0.250	0.125	0.712	2-113	1.042/1.032	0.103
FL 10	FLN 10	5/8	1.000	0.058	1.060	N 5100-112	0.312	0.125	0.962	2-117	N/A	N/A
FL 12	FLN 12	3/4	1.062	0.058	1.177	N 5100-125	0.312	0.125	1.087	2-119	1.281/1.271	0.171
FL 16	FLN 16	1	1.625	0.070	1.471	N 5100-156	0.500	0.125	1.399	2-123	1.895/1.885	0.176
FL 20	FLN 20	1-1/4	1.875	0.070	1.889	N 5100-200	0.625	0.125	1.837	2-129	N/A	N/A
FL 24	FLN 24	1-1/2	2.250	0.089	2.241	N 5100-237	0.750	0.162	2.152	2-225	N/A	N/A
FL 32	FLN 32	2	3.000	0.105	2.839	N 5100-300	1.000	0.189	2.775	2-229	N/A	N/A
FL 40	FLN 40	2-1/2	3.750	0.123	3.553	N 5100-375	1.250	0.250	3.408	2-340	N/A	N/A
FL 48	FLN 48	3	4.500	0.123	4.309	N 5100-450	1.500	0.287	4.158	2-346	N/A	N/A
FL 64	FLN 64	4	6.000	0.145	5.748	N 5100-600	2.000	0.287	5.660	2-356	N/A	N/A

Note: FLR is only available on FL06, FL08, FL12 and FL16.