

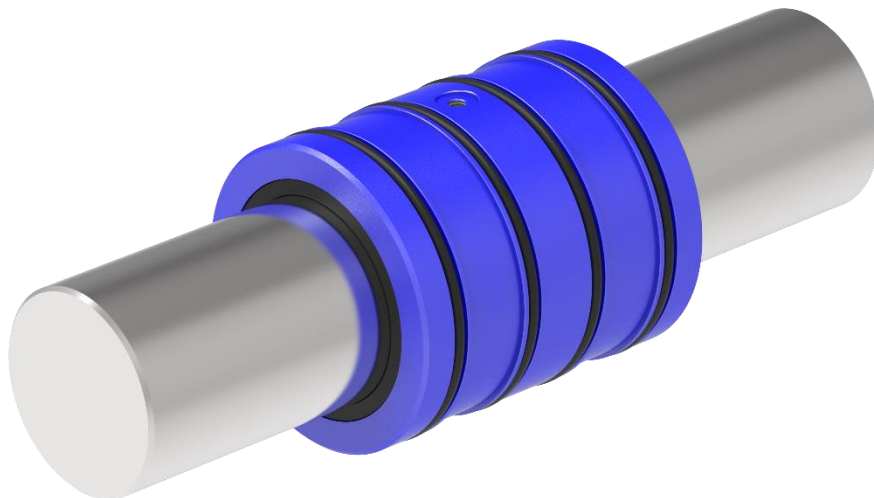
■ LLB-XX

air bearing-bushing

- For measuring and machining compnents

• Load capacity	up to 1.250N
• Housing material	anodised aluminum
• Porous material	carbon
• Lifetime	infinite

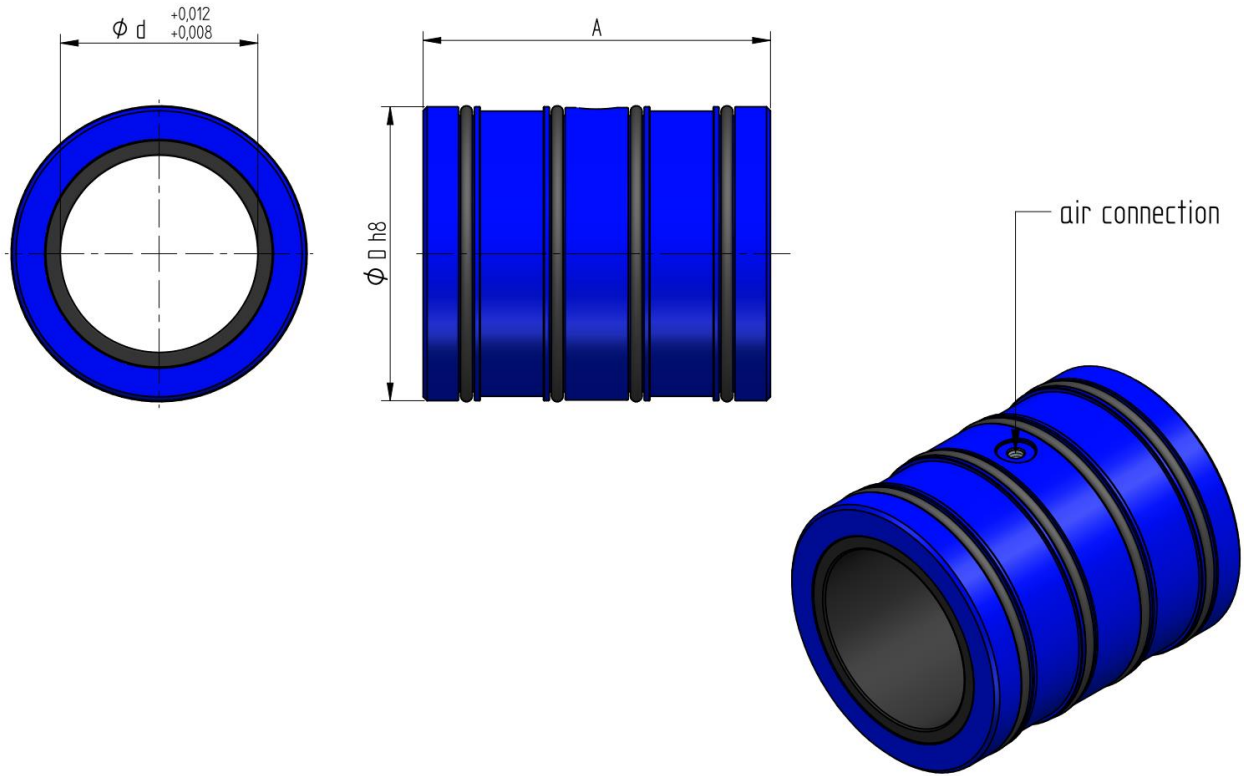
*Shaft is not included in delivery



drawing only symbolic

Technical data

Operating pressure	max. 5bar
Operating temperature	15 up to 35°C
Storing temperature	2 up to 40°C



	inner-Ø $d +0,012/+0,008$	outer-Ø $D h8$	length A	mounting-Ø $0/-0,125$	shaft-Ø $+0,001/-0,008$	air connection
unit	mm	mm	mm	mm	mm	
LLB06-1	6	16,5	30,5	16,7	6	M3
LLB08	8	23,8	30,5	24,0	8	M3
LLB08-1	8	16,5	30,5	16,7	8	M3
LLB10	10	22,8	50,0	23,0	10	M3
LLB10-1	10	16,5	30,5	16,7	10	M3
LLB12	12	23,8	50,0	24,0	12	M3
LLB13	13	23,8	50,0	24,0	13	M3
LLB15	15	25,8	50,0	26,0	15	M3
LLB20	20	31,8	50,0	32,0	20	M3
LLB25	25	39,7	58,0	40,0	25	M3
LLB30	30	50,9	55,5	51,2	30	M3
LLB35	35	50,9	55,5	51,2	35	M3
LLB40	40	59,6	76,0	60,0	40	M5
LLB50	50	74,5	88,0	75,0	50	M5
LLB75	75	99,5	88,0	100,0	75	M5

Forces and moments

	order- no.	max. load	max. stiffness	max. tilting moment	Air flow	weight
unit		N	N/ μ m	Nm	l/min	g
LLB06-1	F-11087	12,5	2	0,015	1,1 - 1,9	13,0
LLB08	F-5700	20	4	0,3	1,5 - 2,5	23,0
LLB08-1	F-11089	20	4	0,3	1,5 - 2,5	12,0
LLB10	F-5720	30	8	0,5	1,8 - 2,8	25,0
LLB10-1	F-11090	30	8	0,5	1,8 - 2,8	11,0
LLB12	F-5723	40	10	0,6	2,2 - 3,4	32,0
LLB13	F-0003	45	12	0,8	2,0 - 3,0	30,0
LLB15	F-5734	55	14	0,85	2,75 - 4,2	32,0
LLB20	F-0006	135	30	1,0	3,5 - 4,5	48,0
LLB25	F-0009	190	35	2,0	4,5 - 6,0	91,0
LLB30	F-5764	225	55	2,2	5,8 - 7,5	142,0
LLB35	F-5767	290	72,5	2,5	6,6 - 8,8	117,0
LLB40	F-0029	650	75	3,0	7,0 - 9,0	250,0
LLB50	F-0012	950	115	5,0	9,0 - 12,0	450,0
LLB75	F-0059	1.250	160	7,0	13,0 - 16,0	640,0

changes and errors excepted