

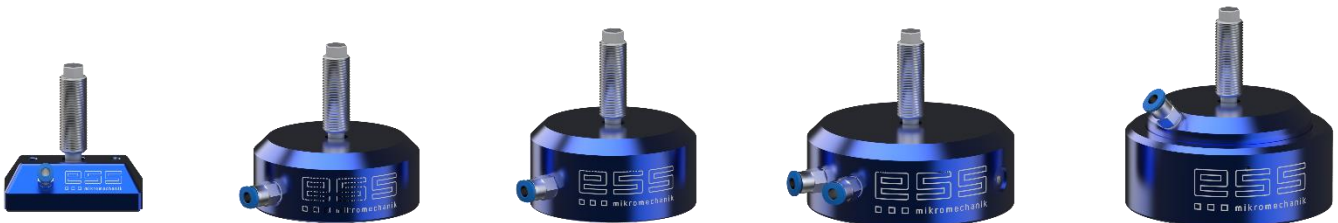
■ Flat air bearing

LPL - Nozzle air bearing

- For measuring and machining components

• Load capacity	up to 2.120N
• Housing material	anodised aluminum
• Lifetime	infinite

*threaded bolts are not included. These must be ordered separately.



- Other connecting geometries on request
- Air connection optionally straight or L-formed
- Special dimensions on request

drawing only symbolic
changes and errors excepted

LPL air bearing

LPL (round)

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



	Order-no.:	ØA [mm]	B [mm]	Load capacity Fz [N]	Air flow [NI/min]	Connection Ø mounting bolt ¹
LPL020	F-00006557	20	25	120		5
LPL030	F-00011119	30	25	190		5
LPL040-1	F-00001333	40	25	340	0,44	8
LPL040/16	F-00001081	40	16	340	0,44	on request
LPL050-1	F-00001634	50	25	500	0,41	8
LPL050/16	F-00011120	50	16	500	0,41	on request
LPL060-1	F-00007957	60	25	700	0,41	8
LPL070-1	F-00001636	70	30	930	0,41	8
LPL075-1	F-00001637	75	30	1000	0,41	8
LPL076/16-3	F-00011116	76	16	1030	0,41	on request
LPL080-1	F-00001638	80	30	1190	0,41	15
LPL090-1	F-00001639	90	35	1480	0,41	15
LPL100-1	F-00001640	100	35	1775	0,41	15
LPL110-1	F-00010541	110	35	2000		15
LPL115-1	F-00010160	115	35	2120		15

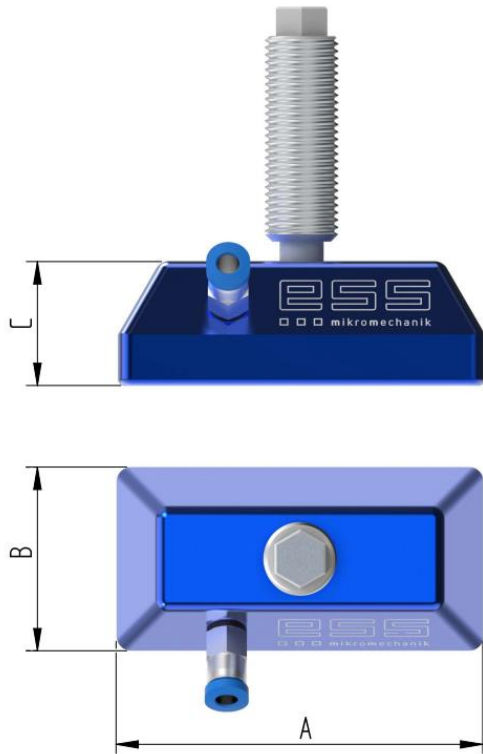
¹ you will find the matching mounting bolts on page 4

changes and errors excepted

LPL air bearing

LPL (rectangular)

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



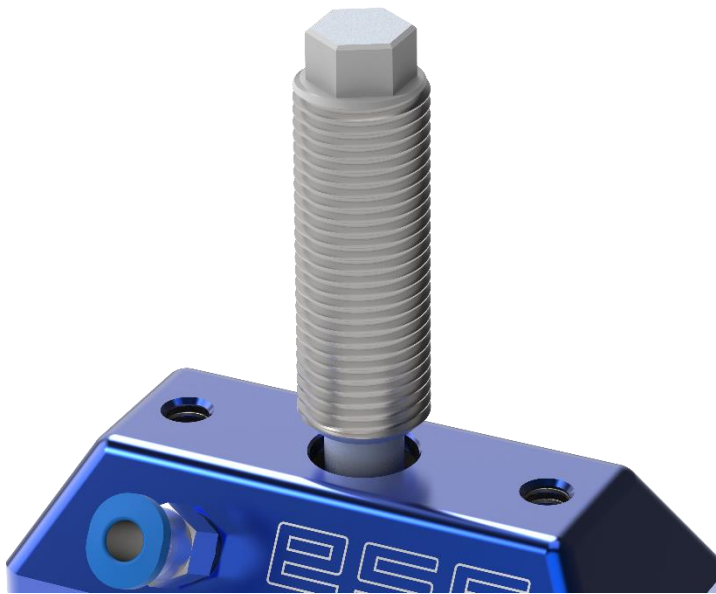
	Order-no.:	A [mm]	B [mm]	C [mm]	Load capacity Fz [N]	Air flow [NI/min]	Connection Ø mounting bolt ²
LPL80-60	F-00011121	80	60	16	800		on request
LPL60-140	F-00011122	60	140	25	1400		on request
LPL100-50	F-00011123	100	50	25	1250		on request

² you will find the matching mounting bolts on page 4

changes and errors excepted

■ Mounting bolts

M6 – M20



	Order-no.:	Thread	Connection Ø ³
Mounting bolt	F-00007701	M6x0,5	5
	F-00002162	M10x1 - short	8
	F-00003649	M10x1 - long	8
	F-00004369	M12x1	8
	F-00011135	M12x1	10
	F-00004735	M12x1	15
	F-00011136	M16x1	10
	F-00003648	M16x1 - long	15
	F-00011137	M16x1 - short	15
	F-00007381	M20x0,5	13

³ Other connection geometries on request