

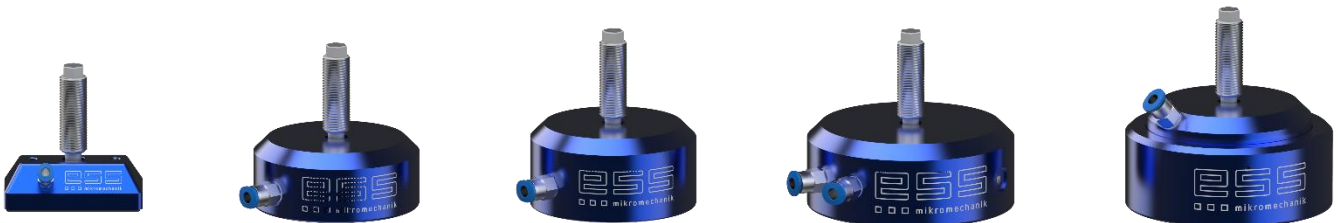
■ Flat air bearing

MDL - Porous air bearing

- For measuring and machining components

• Load capacity	up to 2.550N
• Housing material	anodised aluminum
• Porous material	carbon
• Lifetime	infinite

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

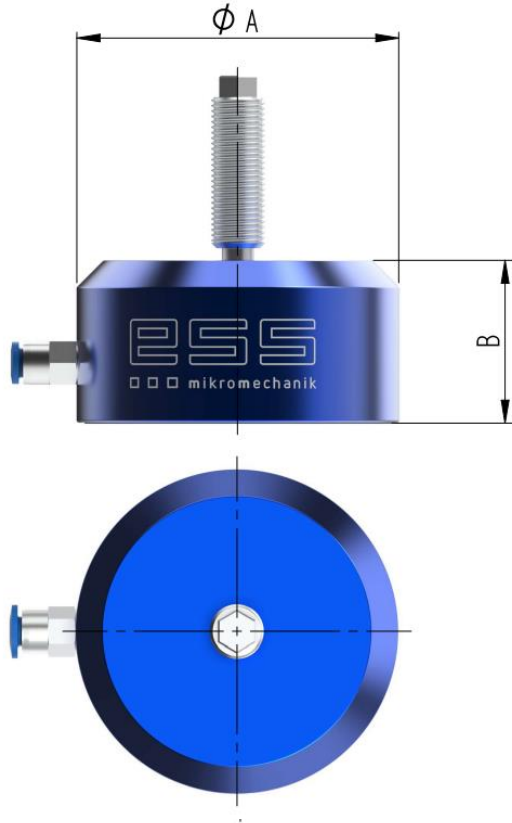


- Other connecting geometries on request
- Air connection optionally straight or L-formed
- Special dimensions on request

drawing only symbolic
changes and errors excepted

MDL air bearing

MDL (porous air bearing – round)



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

	Order-no.:	$\varnothing A$ [mm]	B [mm]	Load capacity Fz [N]	Air flow [Nl/min]	Connection $\varnothing$ mounting bolt ¹
MDL040	F-00000161	40	25	190		8
MDL050	F-00000162	50	25	280		8
MDL060	F-00000163	60	30	380		8
MDL070	F-00000164	70	30	550		8
MDL075	F-00000165	75	30	620		8
MDL080	F-00000166	80	30	720		15
MDL090	F-00000167	90	35	900		15
MDL100	F-00000168	100	35	1050		15
MDL110	F-00000169	110	35	1420		15
MDL115	F-00000170	115	35	1550		15

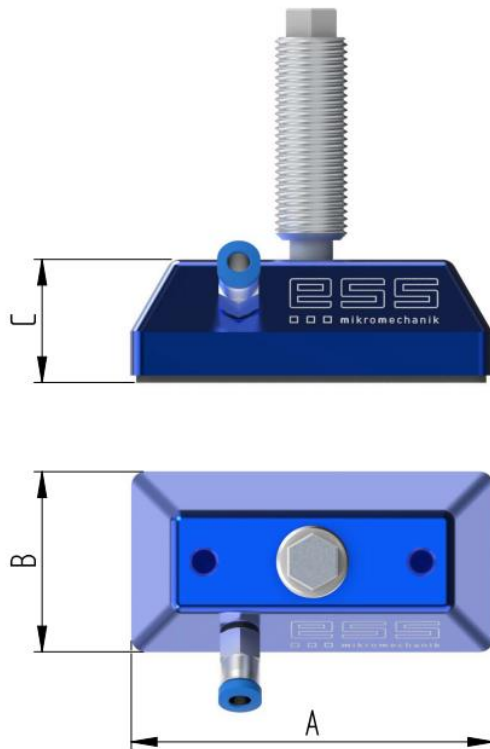
¹ you will find the matching mounting bolts on page 4

changes and errors excepted

MDL air bearing

MDL (porous air bearing – 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 [l/min]	Connection Ø mounting bolt ²
MDL12-24	F-00011126	12	24	10	25		on request
MDL15-30	F-00011127	15	30	10	60		on request
MDL20-40	F-00011128	20	40	13	110		on request
MDL25-50	F-00011129	25	50	17	185		on request
MDL40-50	F-00011130	40	50	13	350		on request
MDL40-80	F-00011131	40	80	20	620		on request
MDL50-100	F-00011132	50	100	25	1100		on request
MDL60-140	F-00011133	60	140	30	1400		on request
MDL75-150	F-00011134	75	150	50	2550		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