

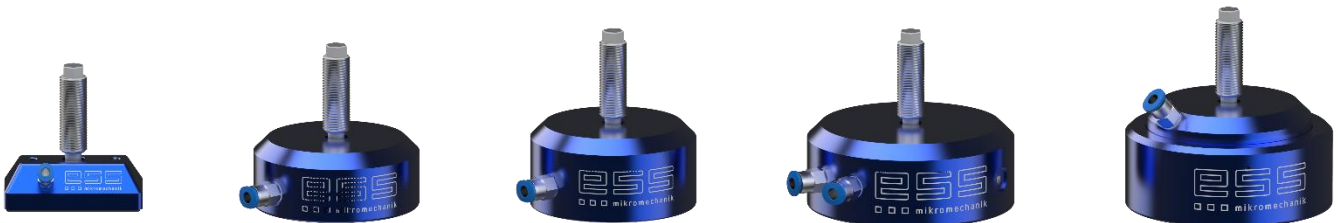
■ Flat air bearing

DVL – vacuum preloaded air bearing

- For measuring and machining components

• Load capacity	up to 2.050N
• Housing material	anodised aluminum
• Lifetime	infinite

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

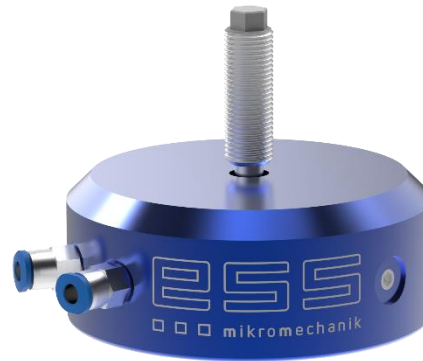
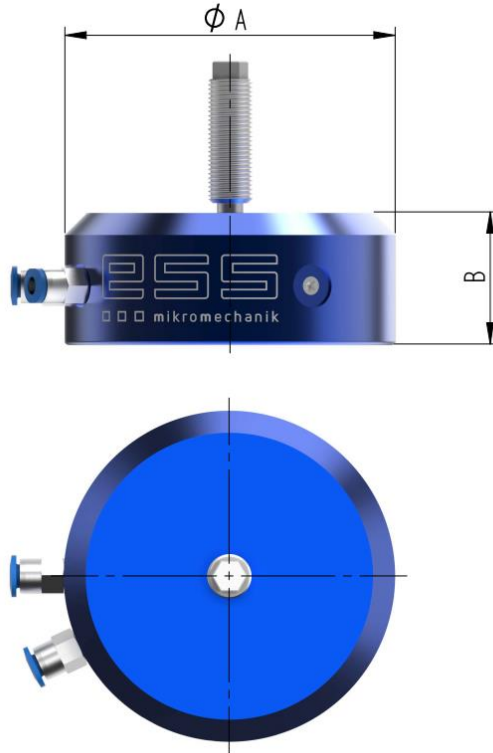


- Other connecting geometries on request
- Air connection optionally straight or L-formed
- Special dimensions on request

drawing only symbolic
changes and errors excepted

DVL air bearing

DVL (vacuum preloaded air bearing)



Operating pressure	max. 5bar
Vacuum	min. -0,5bar
Operating temperature	15 up to 35°C
Storing temperature	2 up to 40°C

	Order-no.:	ϕA [mm]	B [mm]	Load capacity Fz [N]	Air flow [NI/min]	Connection ϕ mounting bolt ¹
DVL040	F-00011124	40	25	190		8
DVL050	F-00010548	50	25	280		8
DVL075	F-00004472	75	30	620		8
DVL100	F-00010550	100	35	1050		15
DVL140	F-00011125	140	30	2050		15

¹ you will find the matching mounting bolts on page 3

changes and errors excepted

■ Mounting bolts

M6 – M20



	Order-no.:	Thread	Connection Ø ²
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

² Other connection geometries on request

changes and errors excepted