

Clamping modules EV-...-RR

Ø 12, 16, 20, 25, 32, 40, 50, 63 mm, stroke 3 to 5 mm

Cleanroom class ISO 5 (FS209E class 100)

Clamping module

EV-...-RR

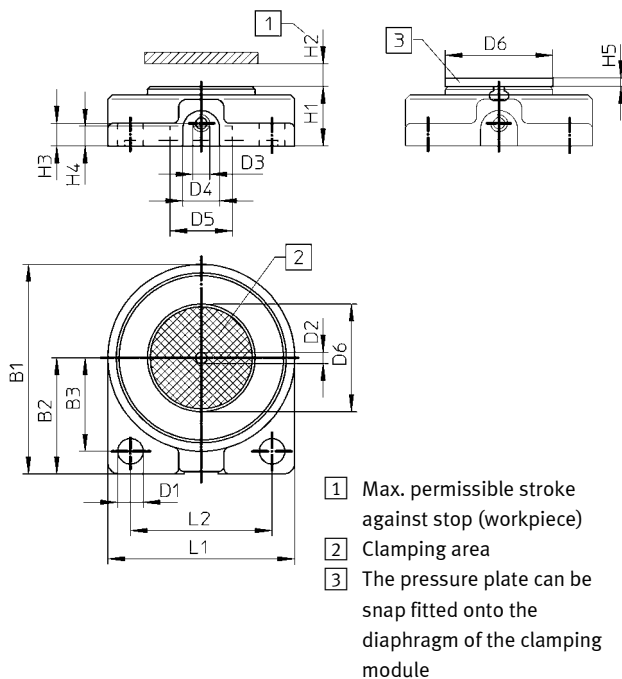


- Single-acting
- Flat space-saving construction
- Hermetically sealed
- Ideal for clamping tasks
- Pressure plate to protect diaphragm
- For application against abrasive surfaces, a metal pressure plate can be snap-fitted to the diaphragm to protect it against external damage. Type; EV-...-DP.
- Housing; Al die-cast. Diaphragm; polyurethane

For rapid clamping of sensitive and slightly uneven workpieces with small dimensional deviations. This cylinder series is suitable for installation in all types of handling devices.

The flat design and relatively high clamping forces make the cylinders particularly suitable for clamping block-shaped workpieces.

As the cylinders do not have any stroke limitation, they should be operated only against a workpiece. The return force is provided by the pre-tensioned diaphragm.



Type	Part No.	Piston Ø [mm]	Stroke [mm]	Clamping force at 6 bar [N]	
				Stroke 1mm	Stroke max.
EV-12-3-RR	15024495	12	3	55	56
EV-16-4-RR	15024496	16	4	102	125
EV-20-4-RR	15024497	20	4	162	187
EV-25-4-RR	15024498	25	4	226	271
EV-32-5-RR	15024499	32	5	376	456
EV-40-5-RR	15024500	40	5	680	675
EV-50-5-RR	15024501	50	5	1090	1075
EV-63-5-RR	15024502	63	5	1660	1640

Type	B1	B2	B3	D1 Ø	D2 Ø	D3	D4 Ø	D5 Ø	D6 Ø	H1	H2	H3	H4	H5	L1	L2
EV-12-3-RR	29	16.5	13	3.5	2	M3	6.5	3	11	10.5	3	4	3.5	1.5	25	18
EV-16-4-RR	33	18.5	15	3.5	2	M3	6.5	7	15	10.5	4	4	3.5	1.5	29	22
EV-20-4-RR	37	20.5	16.5	4.5	2	M3	6.5	11	19	10.5	4	4	3.5	1.5	33	25
EV-25-4-RR	42	23	18.5	5.5	2	M3	6.5	16	24	10.5	4	4	3.5	1.5	38	28
EV-32-5-RR	49	26.5	21	5.5	2	M3	6.5	23	31	10.5	5	4	3.5	1.5	45	34
EV-40-5-RR	57	30.5	25	5.5	2	M3	6.5	31	39	10.5	5	4	2.5	1.6	53	42
EV-50-5-RR	67	35.5	29	5.5	2	M3	6.5	41	49	10.5	5	4	2.5	1.6	63	49
EV-63-5-RR	80	42	34	5.5	2	M3	6.5	54	62	10.5	5	4	2.5	1.6	76	60