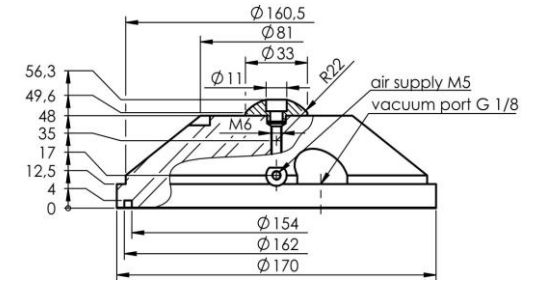


mixed friction range 5 bar — 6 bar —



Thermodynamically optimized air cushion due to micro groove system.¹⁾ Bearing surface with dry running coating.
Clean room bearing with additional air-extraction system.

Air supply pressure ²⁾	bar _{rel}	5	6
Maximum carrying capacity	N	6800	8200
Nominal carrying capacity	N	3950	4500
Gap height ³⁾	µm	11.9	11.9
Static stiffness ³⁾	N/µm	360	420
Air consumption ³⁾	l/min	7	8.7
Maximum velocity ³⁾	m/s	5	6
Weight	kg	2.1	2.1

Air supply thread	M5
Adapted with pressure screw	EZ-0249 M36x1.5-R22

¹⁾ Patents: US 6,164,827, DE 199 18 564 A1

²⁾ deviating supply pressures on request

³⁾ at nominal carrying capacity

Visit our website for information on bearing design and function, counterface and air quality requirements, and the definition of gap height.

Subject to technical modifications and typographical errors.