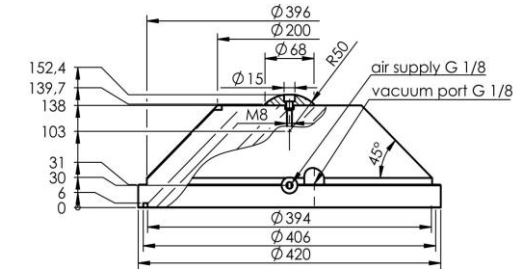


mixed friction range  5 bar  6 bar



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

Air supply pressure <sup>2)</sup>	bar <sub>rel</sub>	5	6
Maximum carrying capacity	kN	49	59
Nominal carrying capacity	kN	30.0	35.0
Gap height <sup>3)</sup>	μm	12.7	12.7
Static stiffness <sup>3)</sup>	N/μm	2300	2700
Air consumption <sup>3)</sup>	l/min	15	18.8
Maximum velocity <sup>3)</sup>	m/s	5	6
Weight	kg	35.6	35.6

Air supply thread	G1/8"
Adapted with pressure screw	EZ-0249 M72x2-R50

<sup>1)</sup> Patents: US 6,164,827, DE 199 18 564 A1

<sup>2)</sup> deviating supply pressures on request

<sup>3)</sup> 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.