EZ-0072 20 X 40 RECTANGLE AIR BEARING

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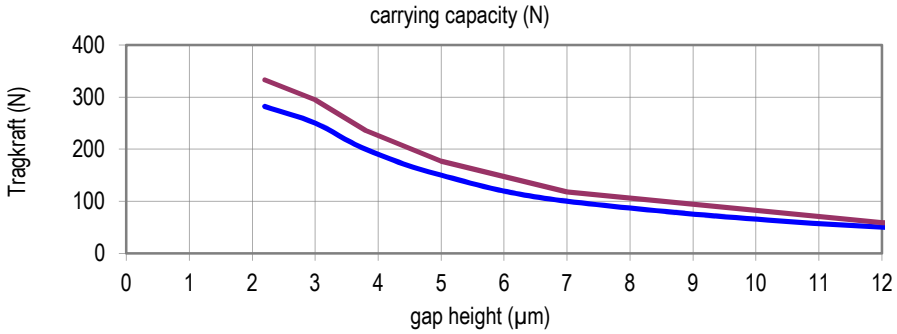

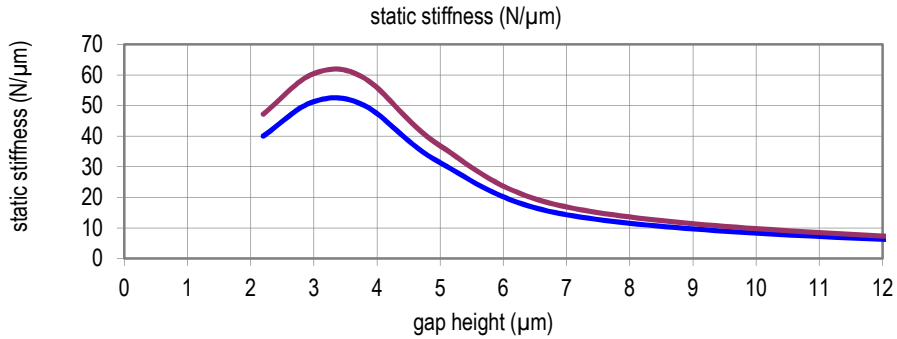

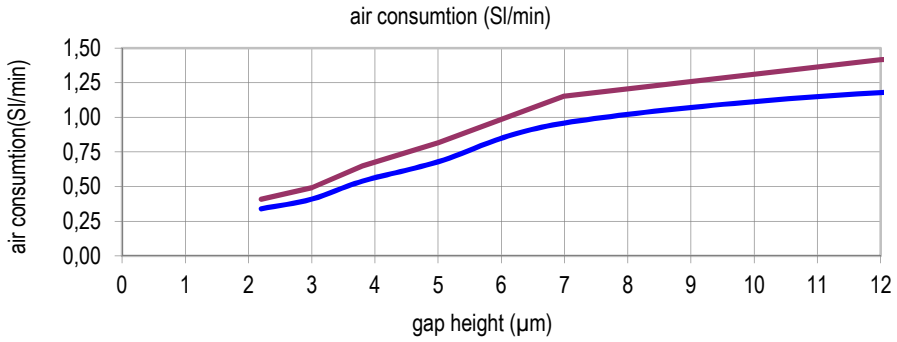

Thermodynamcally optimised air cushion by micro groove system[1]*.

Emergency running coating on all basic air bearing modules.

100% quality control

Air supply pressure [2]*	**bar**	**5**	**6**
Maximum carrying capacity	N	270	310
Nominal carrying capacity	N	200	230
Gap height [3]*	µm	3,8	3,8
Static stiffness [3]*	N/µm	45	55
Air consumtion [3]*	Sl/min	0,55	0,65
Size W x L x H	mm	20 x 40 x 12	
Bearing weight	g	20	
Thread air supply	M 5		
Opposite surface / Rz(DIN)	see last pages		
Air quality	see last pages		

1* Patents: US 6. 164.827, DE 199 18 564 A1

2* Other supply pressure on request

3* at nominal carrying capacity

Technical changes without notification, screw as an accessory 06/2008

General information for all pads about construction and function could you find in our website.

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EZ-0072-30x60 Rectangular Air Bearing

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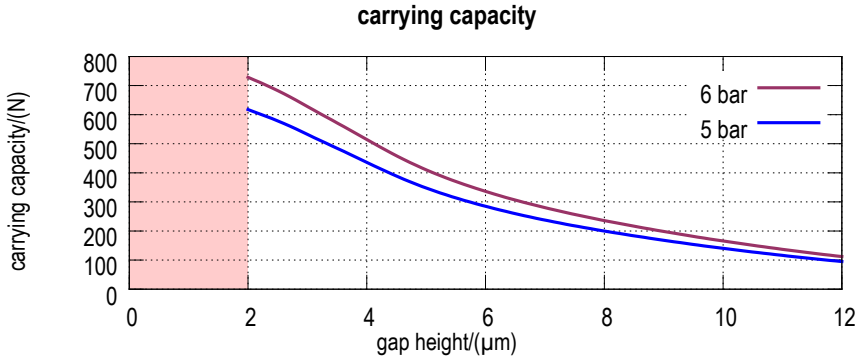
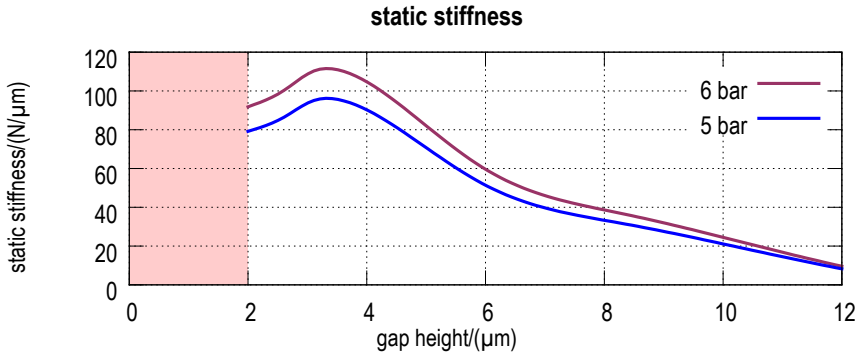
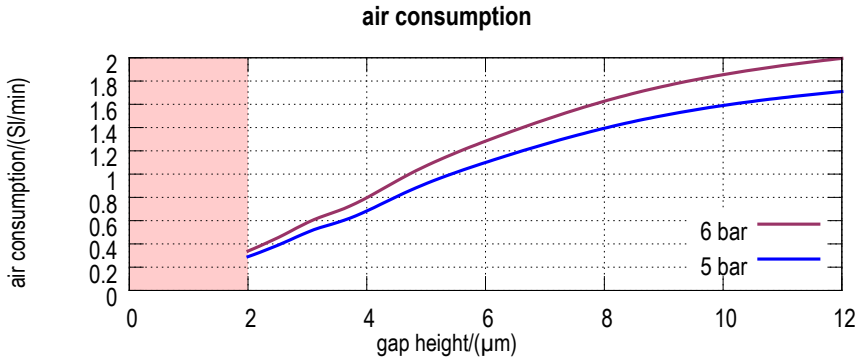
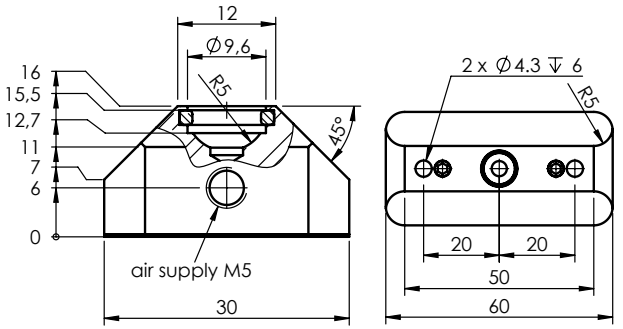






= Mixed friction range



Thermodynamically optimised air cushion by micro groove system.[1*]
Bearing surface with dry running coating.

Air supply pressure[2*] / (bar_{rel})	5	6
Maximum carrying capacity / (N)	618	729
Nominal carrying capacity / (N)	455	537
Gap height[3*] / (µm)	3.8	3.8
Static stiffness[3*] / (N/µm)	92	106
Air consumption[3*] / (Sl/min)	0.65	0.76
Maximum velocity[3*] / (m/s)	5	6

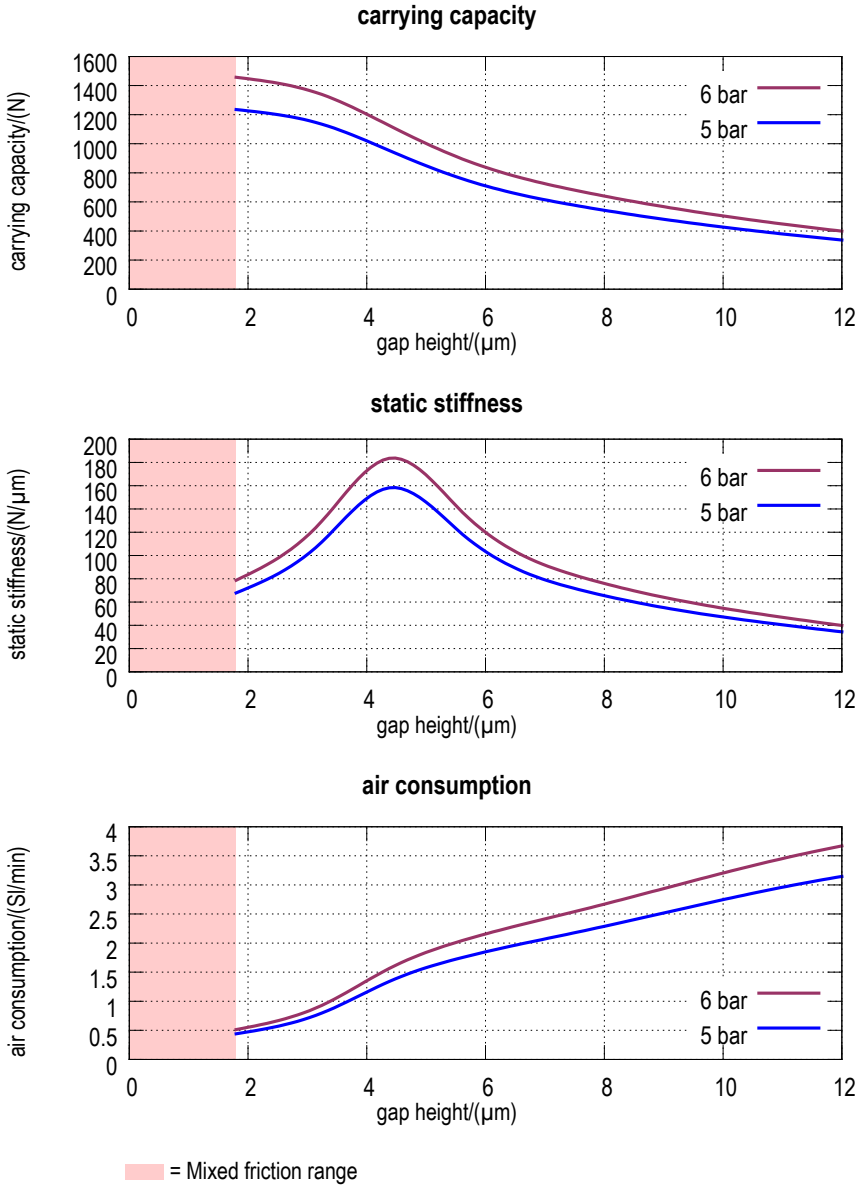
Bearing weight (aluminium) / (g)	60
Air supply thread	M5
Adapted with centre screw	EZ-0149/EZ-0150 M12x1-R5

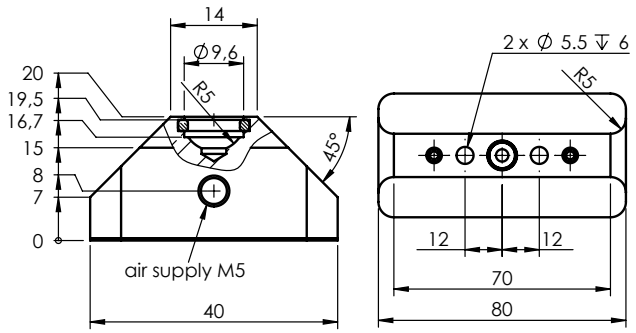
[1*] Patents: US 6,164,827, DE 199 18 564 A1
[2*] Different supply pressure on request
[3*] at nominal carrying capacity

For specifications of guide surface, air quality requirements and gap definition see last pages of the catalogue.
General information about design and function of our air bearings is available on our website. Status 08/2016

EZ-0072-40x80 Rectangular Air Bearing

EITZENBERGER
Luftlagertechnik GmbH





Thermodynamically optimised air cushion by micro groove system.[1*]
Bearing surface with dry running coating.

Air supply pressure[2*] / (bar_{rel})	5	6
Maximum carrying capacity / (N)	1235	1457
Nominal carrying capacity / (N)	910	1074
Gap height[3*] / (µm)	4.7	4.7
Static stiffness[3*] / (N/µm)	150	174
Air consumption[3*] / (Sl/min)	1.43	1.67
Maximum velocity[3*] / (m/s)	5	6

Bearing weight (aluminium) / (g)	130
Air supply thread	M5
Adapted with centre screw	EZ-0149/EZ-0150 M12x1-R5

[1*] Patents: US 6,164,827, DE 199 18 564 A1
[2*] Different supply pressure on request
[3*] at nominal carrying capacity

For specifications of guide surface, air quality requirements and gap definition see last pages of the catalogue.
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EZ-0072-50x100 Rectangular Air Bearing

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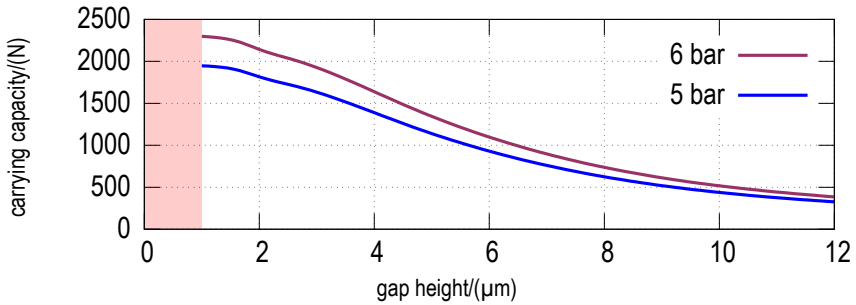
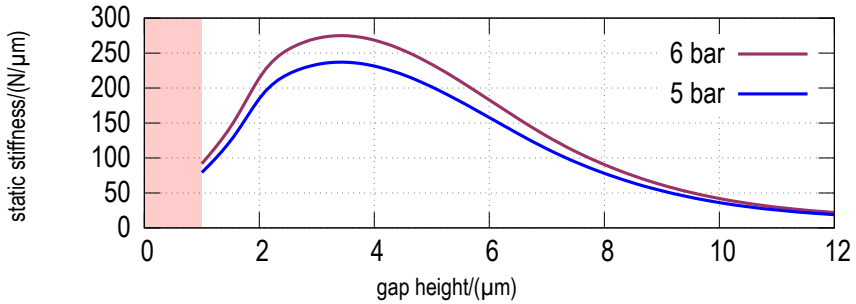
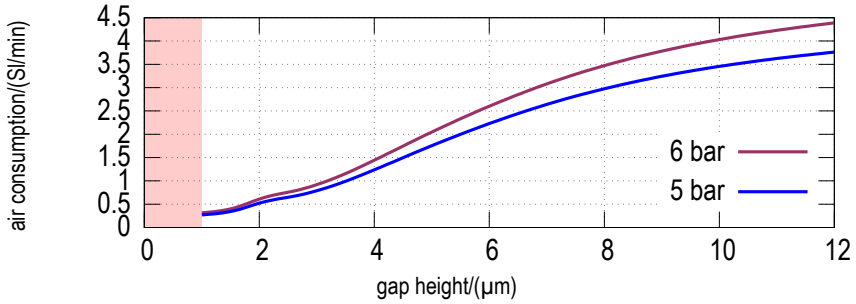
carrying capacity



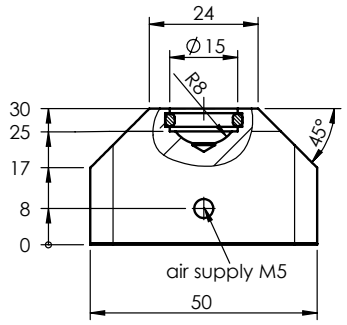
static stiffness

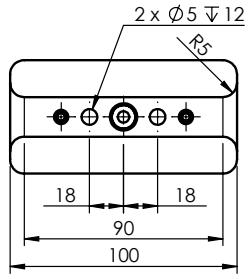


air consumption



= Mixed friction range





Thermodynamically optimised air cushion by micro groove system.[1*]
Bearing surface with dry running coating.

Air supply pressure[2*] / (bar_{rel})	**5**	**6**
Maximum carrying capacity / (N)	1948	2298
Nominal carrying capacity / (N)	1435	1693
Gap height[3*] / (µm)	3,8	3,8
Static stiffness[3*] / (N/µm)	219	254
Air consumption[3*] / (Sl/min)	1.2	1.4
Maximum velocity[3*] / (m/s)	5	6

Bearing weight (aluminium) / (g)	368
Air supply thread	M5
Adapted with centre screw	EZ-0149/EZ-0150 M16x1-R8

[1*] Patents: US 6,164,827, DE 199 18 564 A1
[2*] Different supply pressure on request
[3*] at nominal carrying capacity

For specifications of guide surface, air quality requirements and gap definition see last pages of the catalogue.
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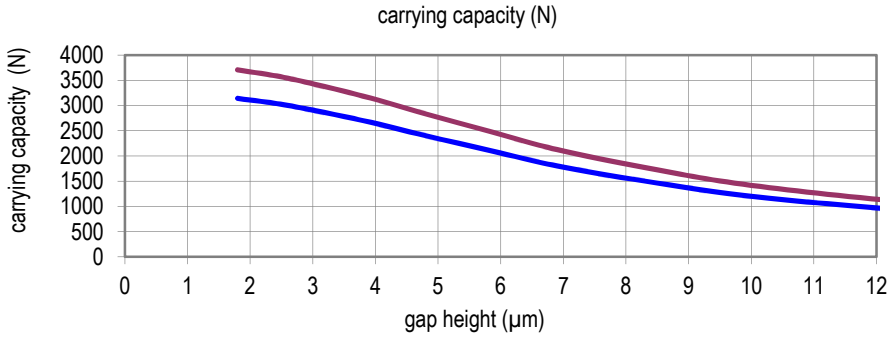
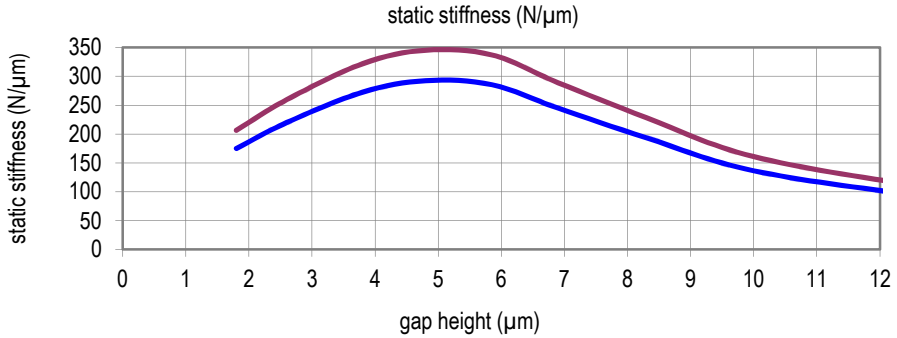
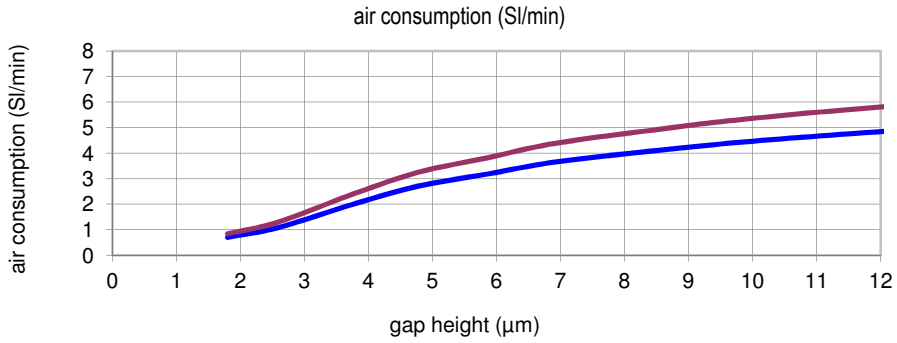
EZ-0072 60 X 120 RECTANGLE AIR BEARING

EITZENBERGER
Luftlagertechnik GmbH







Thermodynamcally optimised air cushion by micro groove system[1]*.

Emergency running coating on all basic air bearing modules.

100% quality control

Air supply pressure [2*]	**bar**	**5**	**6**
Maximum carrying capacity	N	2900	3450
Nominal carrying capacity	N	2270	2550
Gap height [3*]	µm	5,8	5,8
Static stiffness [3*]	N/µm	250	300
Air consumtion [3*]	Sl/min	3,1	3,7
Size W x L x H	mm	60 x 120 x 40	
Bearing weight	g	800	
Thread air supply	M 5		
Opposite surface / Rz(DIN)	see last pages		
Air quality	see last pages		

1* Patents: US 6. 164.827, DE 199 18 564 A1

2* Other supply pressure on request

3* at nominal carrying capacity

Technical changes without notification, screw as an accessory 06/2008

General information for all pads about construction and function could you find in our website.

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