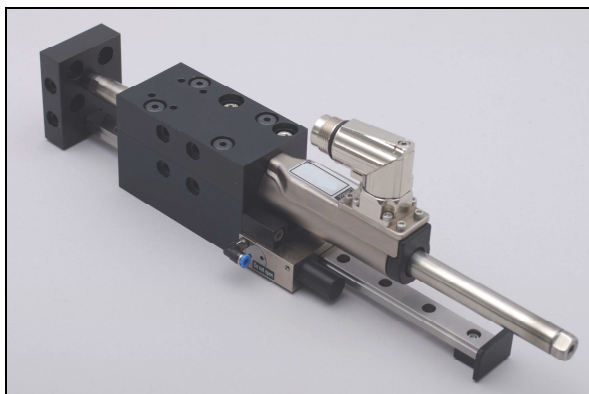


LinStop® Pneumatic Brake AD05 for HM01

The pneumatic brake **LinStop**® AD05 is compatible with our **HighDynamic**® HM01 linear modules. It works with a pneumatic releasing clamping device working directly onto the guide rail. An ideal construction element for vertical applications of linear motors, which is clamping in the energy-free state and prevents the falling down of the payload and the according linear motor components



Pneumatic Brake AD05

- not suitable for applications with protective functions, which requires the safety of people according to the EG machine directive
- three sizes available
- compatible with **HighDynamic**® HM01 modules
- passive, inherently safe construction element
- no additional moving masses



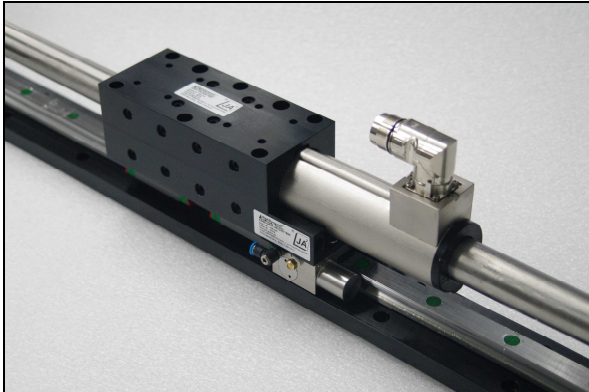
The pneumatic brake AD05 may not be used for the safety of people in safety-relevant applications according to the EG machine directive! Motions with a non-released brake can cause the destruction of the product!

Technical Data Pneumatic Brake AD05

AD05 Types	AD05-HD01-23	AD05-HD01-37	AD05-HD01-48
Operating Data			
braking force static [N]	250	400	600
operating pressure [bar]	5,5 - 6,5		
function	without air pressure brake does not release, brake releases at operating pressure $\geq 5,5$ bar		
mounting position	random		
reduction of stroke for HM01 [mm]	35	39	39
mass [gramm]	114	275	335
life cycles	< 5.000.000 static brake functions		
operational temperature [°C]	0 - 40		
storage temperature [°C]	-25 - 80		

LinStop® Pneumatic Brake AD05 for HA01

The pneumatic brake **LinStop**® AD05 is compatible with our **HighDynamic**® HA01 linear guides. It works with a pneumatic releasing clamping device working directly onto the guide rail. An ideal construction element for vertical applications of linear motors, which is clamping in the energy-free state and prevents the falling down of the payload and the according linear motor components



Pneumatic Brake AD05

- not suitable for applications with protective functions, which requires the safety of people according to the EG machine directive
- compatible with **HighDynamic**® HA01 guides
- passive, inherently safe construction element
- no additional moving masses



The pneumatic brake AD05 may not be used for the safety of people in safety-relevant applications according to the EG machine directive! Motions with a non-released brake can cause the destruction of the product!

Technical Data Pneumatic Brake AD05

AD05 Typen		AD05-HF01-37x120	AD05-HF01-48x240
Operating Data			
braking force static [N]		400	600
operating pressure [bar]		5,5 - 6,5	
function		without air pressure brake does not release, brake releases at operating pressure $\geq 5,5$ bar	
mounting position		random	
mass [gramm]		275	335
life cycles		< 5.000.000 static brake functions	
operational temperature [°C]		0 - 40	
storage temperature [°C]		-25 - 80	

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Stand: 27.01.2020
Technical changes reserved!