



Active Brakes and Passive Brakes

Active Brake
for pneumatic linear drive
Series OSP-P
Piston diameters 25 - 80 mm.

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Versions:

- ACTIVE Brake
- Plain bearing guide with integrated ACTIVE Brake
- Aluminium roller guide with integrated ACTIVE Brake
- Plain bearing guide with PASSIVE Brake
- Aluminium roller guide with PASSIVE Brake

Slideline with Active Brake
Plain bearing guide SLIDELINE - SL
with integrated ACTIVE Brake
Piston diameters 25 - 50 mm.

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Proline with Active Brake
Aluminium roller guide
PROLINE - PL with
integrated ACTIVE Brake
Piston diameters 25 - 50 mm.

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Multibrake with Slideline
MULTI BRAKE - PASSIVE Brake
with plainbearing guide
SLIDELINE - SL
Piston diameter 25 - 80 mm.

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Multibrake with Proline
MULTI BRAKE - PASSIVE Brake
with aluminium roller guide
PROLINE - PL
Piston diameters 25 - 50 mm.

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Active Brake

Series AB 25 to 80 for Linear Drive

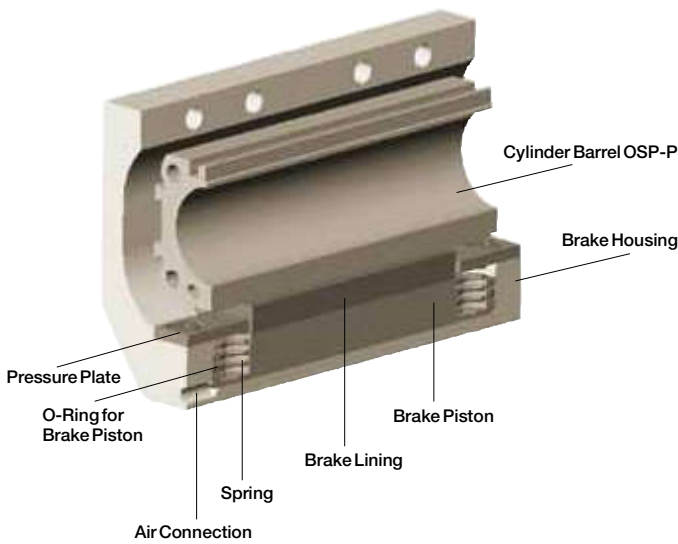


Features:

- Actuated by pressurisation
- Released by spring actuation
- Completely stainless version
- Holds position, even under changing load conditions



Function



Forces and Weights

Series	For linear drive	Max. braking force [N] ⁽¹⁾	Brake pad way [mm]	Mass [kg]		brake*
				Linear drive with 0 mm stroke	brake increase per 100mm stroke	
AB 25	OSP-P25	350	2.5	1.0	0.197	0.35
AB 32	OSP-P32	590	2.5	2.02	0.354	0.58
AB 40	OSP-P40	900	2.5	2.83	0.415	0.88
AB 50	OSP-P50	1400	2.5	5.03	0.566	1.50
AB 63	OSP-P63	2170	3.0	9.45	0.925	3.04
AB 80	OSP-P80	4000	3.0	18.28	1.262	5.82

For further technical data, please refer to the data sheets for linear drives OSP-P see catalogue P-A4P011GB.

Note:

For combinations Active Brake AB + SFI-plus + Magnetic Switch contact our technical department please.

⁽¹⁾ –at 6 bar
 both chambers pressurised with 6 bar
 Braking surface dry
 –oil on the braking surface will reduce the braking force

*** Please Note:**
 The mass of the brake has to be added to the total moving mass when using the cushioning diagram.