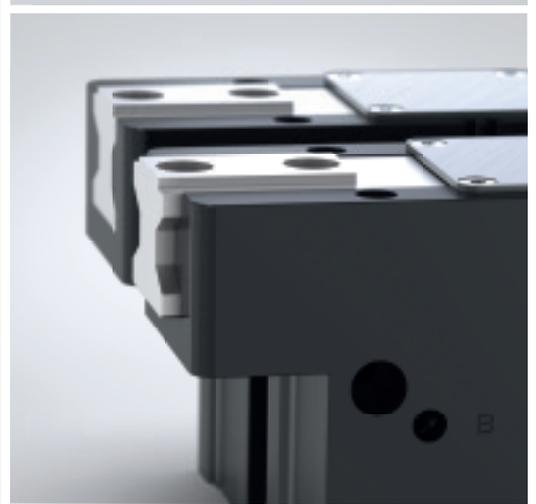


Universal grippers in a class of their own

Series GPP5000
Series GPD5000
Series GPP5000AL
Series GPD5000AL

THE KNOW-HOW FACTORY



PRODUCT COMPARISON

POWERFUL AND FUTURE-PROOF

TOP OF THE CLASS – SERIES 5000

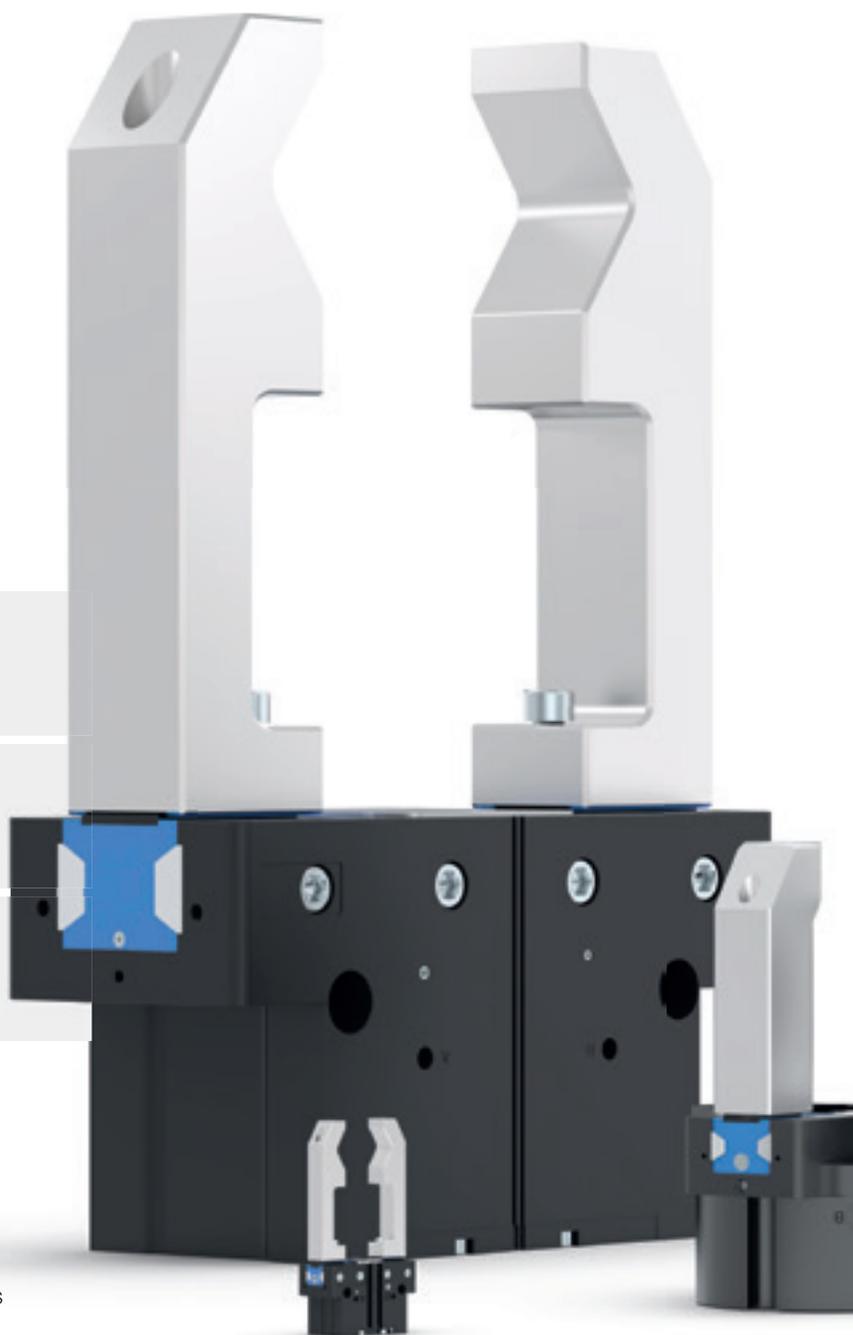
The multiple award-winning premium pneumatic grippers of the 5000 product family feature an extremely rugged, hard-coated, steel-on-steel profile groove guide and can truly take on any role. They were designed for true universal use and have a number of features depending on the variant so that they offer the right solution for every application.

STEEL LINEAR GUIDE

FOR ALL
OPERATING CONDITIONS

HIGHEST
FORCES

LARGEST
TORQUES



RANGE OF APPLICATIONS

- ▶ For moderately to highly contaminated environments
- ▶ Protection class IP64/67
- ▶ Clean room class 5/6
- ▶ S variant with higher gripping force
- ▶ Corrosion-protected
- ▶ Temperature-resistant

THE MONEY SAVERS – SERIES 5000AL

In the 5000 product family, the series equipped with Aluminum Linear Guide offer you maximum variety and flexibility at fair prices. Series GPP5000AL and GPD5000AL offer a combination of technological and economic advantages, helping you to achieve the best balance between performance and costs.



ALUMINUM LINEAR GUIDE

LONGER STROKE
SAME SIZE

HIGHEST
EFFICIENCY

LARGEST
FUNCTIONALITY



RANGE OF APPLICATIONS

- ▶ For clean to slightly dirty environments
- ▶ Protection class IP40
- ▶ Clean room class 4
- ▶ L variant with extended stroke

EFFICIENT ALL-ROUNDER

SERIES GPP5000AL AND GPD5000AL

ADVANTAGES THAT MAKE THE DIFFERENCE

Series GPP5000AL and GPD5000AL combine high precision, robustness and maximum efficiency in a single platform concept. We are confident of our products, which is why we offer uncompromising "Made in Germany" quality for all your Series 5000 grippers. This means a full 24-month warranty – for all components and no matter how many cycles. That's a promise!



PROTECTOR VERSION OF THE SERIES 5000AL WITH HIGHER PROTECTION CLASS

If more protection is required, we can offer you a protector version for more demanding environments on request.



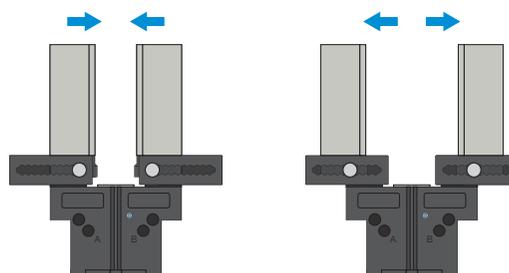
COMPLIANCE WITH STANDARDS AND GUIDELINES SET THE BENCHMARKS IN THIS CLASS

Quality and safety are fundamental elements of our corporate philosophy. Our regularly tested products not only meet the highest quality standards, but also guarantee long-term reliability and safety.

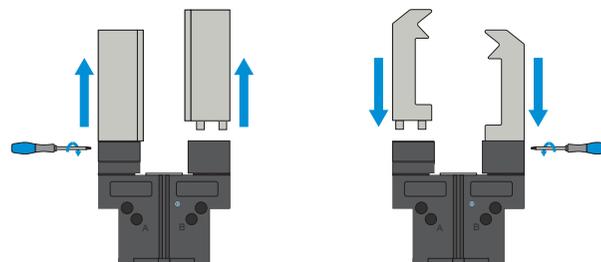


EXTENSIVE ACCESSORIES

Highlights include the adjustable jaws for tool-free adjustment of the gripping range, exchangeable jaws for quick jaw changes and a precise sensor system that reliably monitors the entire stroke range via IO-Link or an analog signal.



Adjustment jaws – EB5000
For tool-free adaptation of the gripper range



Exchangeable jaws – WB5000
Enable fast change of individual gripper fingers

PRODUCT COMPARISON

TECHNICAL DATA

STEEL LINEAR GUIDE OR ALUMINUM LINEAR GUIDE – PERFORMANCE AS REQUIRED

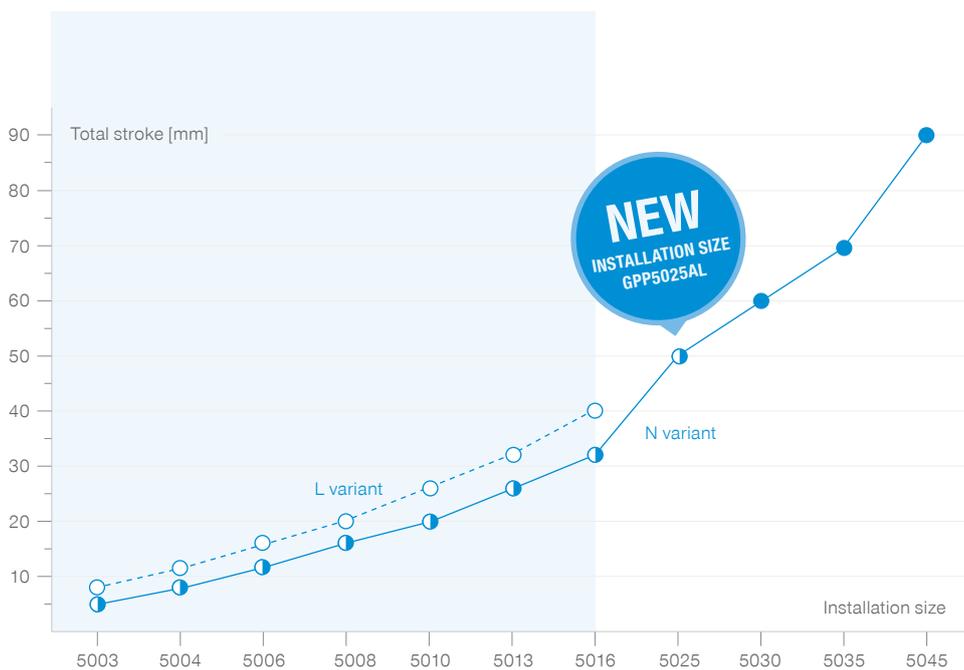
The GPP5000 with Steel Linear Guide are premium grippers with protection classes up to IP67, corrosion protection as standard, high temperature resistance and an extremely robust steel guide – ideal for the most demanding applications. The GPP5000AL with aluminum linear guide sets the industry standard: cost-optimized, focused on the essentials

and suitable for 80% of all applications. They also benefit from the superior Linear Guide technology.

Robust or efficient – both variants offer strong performance and precise guidance.

Over **80%** of all applications can be covered with the economical AL version.

100% of applications are covered by the 5000 product family.



- = Aluminum Linear Guide
- = Steel Linear Guide
- = Aluminum / Steel Linear Guide

NEW
LONG-STROKE
VARIANTS

Up to **60%** more total stroke at the same installation size.

Up to **25%** price savings compared to the N variant with an identical stroke.

RETURN ON INVESTMENT

MAINTENANCE-FREE AND EFFICIENT

QUALITY AT AN ATTRACTIVE PRICE

With the Aluminum Linear Guide series of the 5000 gripper family, you achieve a very fast return on your investment. The combination of low acquisition costs, maintenance-free design and maximum process reliability permanently reduces operating costs and gives you a clear competitive advantage, both technologically and economically.

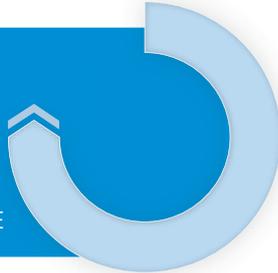
STEEL LINEAR GUIDE
GPP5000, GPD5000

30 MILLION
CYCLES MAINTENANCE-FREE



ALUMINUM LINEAR GUIDE
GPP5000AL, GPD5000AL

15 MILLION
CYCLES MAINTENANCE-FREE



SERIES GPP5000AL

Installation size		Technical data										
		5003	5004	5006	5008	5010	5013	5016	5025	5030	5035	5045
N variant	Stroke per jaw [mm]	2.5	4	6	8	10	13	16	25	-	-	-
	Gripping force [N]	205	295	485	750	1320	1920	2990	4710	-	-	-
L variant	Stroke per jaw [mm]	4	6	8	10	13	16	20	-	-	-	-
	Gripping force [N]	125	190	335	570	960	1645	2350	-	-	-	-

SERIES GPP5000

Installation size		Technical data										
		5003	5004	5006	5008	5010	5013	5016	5025	5030	5035	5045
N variant	Stroke per jaw [mm]	2.5	4	6	8	10	13	16	25	30	35	45
	Gripping force [N]	215	295	485	750	1320	1920	2990	4710	7060	8200	14200
S variant	Stroke per jaw [mm]	-	2	3	4	5	6	8	14	17	20	26
	Gripping force [N]	-	630	1080	1670	2890	4400	6600	9130	13550	15900	26950

SERIES GPD5000AL

Installation size		Technical data										
		5003	5004	5006	5008	5010	5013	5016	5025	5030	5035	5045
N variant	Stroke per jaw [mm]	2.5	4	6	8	10	13	16	-	-	-	-
	Gripping force [N]	465	690	1080	1770	3250	5200	9490	-	-	-	-

SERIES GPD5000

Installation size		Technical data										
		5003	5004	5006	5008	5010	5013	5016	5025	5030	5035	5045
N variant	Stroke per jaw [mm]	2.5	4	6	8	10	13	16	25	30	35	45
	Gripping force [N]	465	690	1080	1770	3250	5200	9490	11860	16970	23800	37850
S variant	Stroke per jaw [mm]	-	2	3	4	5	6	8	14	17	20	26
	Gripping force [N]	-	1520	2320	3910	7160	11450	20330	22850	32400	45200	72500