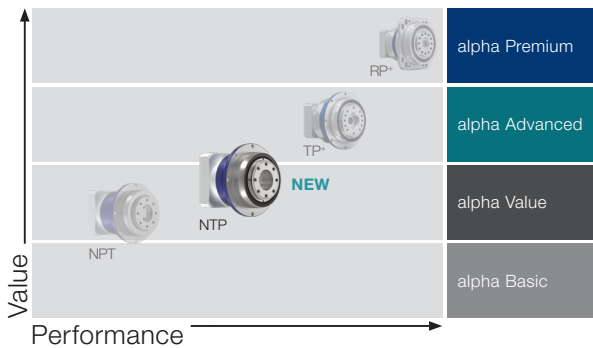# Flange gearbox product portfolio

The new NTP complements our product portfolio in the flange gearbox segment:

- RP+ — alpha Premium
- TP+ — alpha Advanced
- NTP **NEW** — alpha Value
- NPT — alpha Basic

Value / Performance

Your applications

Packaging
- • Bottling and closing
- • Dosing and cutting

Handling and automation
- • Conveying and feeding
- • Positioning and securing

Machine tools
- • Processing and accelerating
- • Changing and rotating

WITTENSTEIN | alpha

WITTENSTEIN alpha GmbH
Walter-Wittenstein-Straße 1
97999 Igersheim
Germany

Tel. + 49 7931 493-0
info@wittenstein-alpha.com

WITTENSTEIN alpha – Intelligent drive systems

www.wittenstein-alpha.com

UpGreat!
The new NTP – Qualified for more Value

Efficient
Flexible
Reliable

NTP

Industry standard
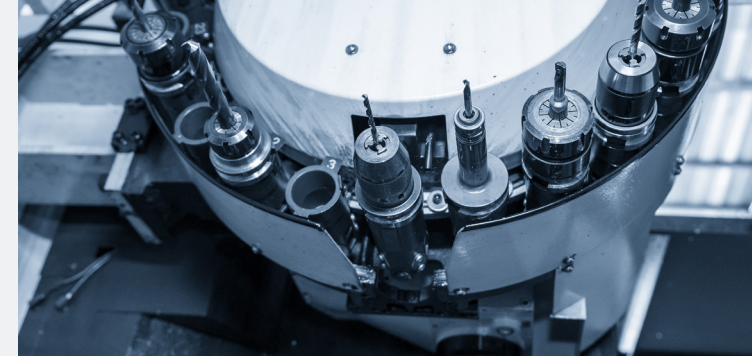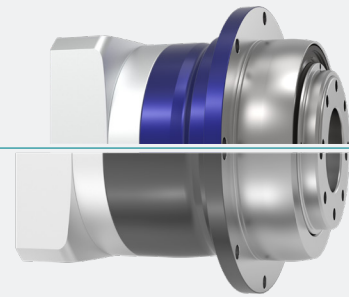
Your requirements

Maximum compactness

Reduced system setup surface due to a compact machine design

Positioning accuracy and smooth running

Optimum results in manufacturing and automation processes due to precise drive solutions

Flexibility and productivity

Changing product layouts and high throughput due to scalable performance

Resource-conserving

Reduced energy requirements due to high levels of efficiency

Economic viability and efficiency

Maintenance-free and reliable products with long service life increase system availability

alpha Value Line – NTP

▶ Reduced backlash and increased rigidity

▶ High external forces enable new freedom in applications

▶ Increased torque density due to compact design

▶ Improved smooth running and synchronization due to optimized microgeometry of toothing

Other product characteristics

- Protection class IP65
- Industry standard DIN output flange
- Food-grade lubrication available
- Simple and flexible motor connection
- Available with cynapse

More information about the alpha Value Line:
simply scan the QR code using your smartphone.
www.wittenstein-alpha.com/alpha-value-line

Product highlights

Overall length
- 20 %*

Backlash
- 40 %*

Torque density
+ 20 %*

External forces
+ 250 %*
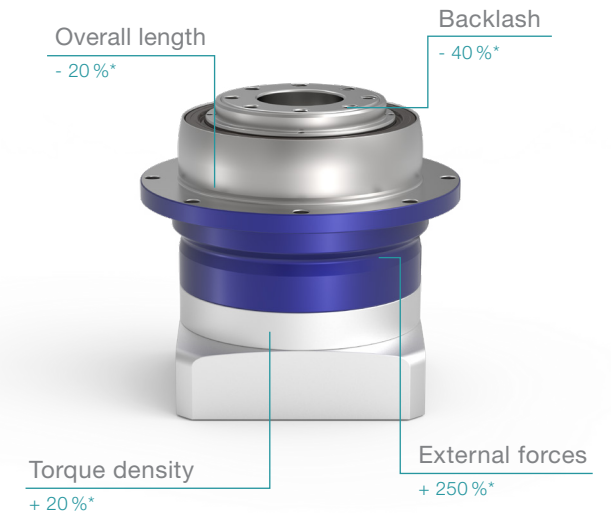
Size			015	025	035	045
Ratio	i		4 - 100			
Max. backlash**	j_t	arcmin	≤ 7	≤ 6	≤ 5	≤ 5
Max. torque**	T_{2a}	Nm	64	160	408	800
Max. acceleration torque**	T_{2B}	Nm	40	100	250	500
Max. tilting moment	M_{2KMax}	Nm	91	220	360	1070
Max. input speed**	n_{1Max}	min^{-1}	8000	7000	6000	4000

* based on NPT reference size and ratio
** based on reference ratio

ⓘ For more information, please contact your WITTENSTEIN alpha sales engineer