



SMOOTHOPERATOR

KS 300T SERIES – THE STANDARD FOR EFFICIENCY

FEATURES AND CHARACTERISTICS

- Beneficial magnetic properties
- For maintenance-free and dry applications
- Dry running, oil lubrication and greased possible
- Optimal friction behaviour
- Good NVH characteristics
- Very good damping properties

OVERVIEW OF THE P3 FAMILY

	P300T / P310T	P300 SM	P300 MP 05
Damping	● ●	● ●	● ● ●
Tolerance compensation	●	● ●	● ● ●
Load capacity	● ●	● ●	●
Stability	● ●	● ● ●	●

TYPICAL APPLICATIONS

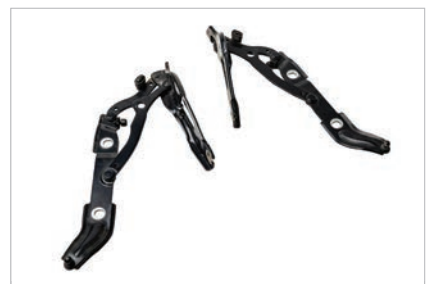
Solenoid applications



Bicycle applications



Automotive hinges



Additional applications

- Automotive seating structures
- Suspension forks
- Valves
- Shifting system
- and more

For further applications please contact our technical

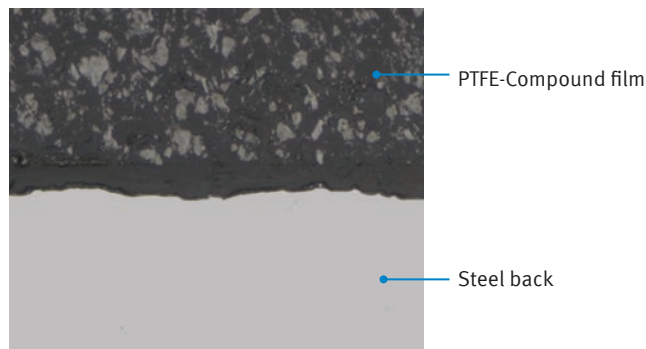
BEARING STRUCTURE

Sliding elements

- Steel back (DC04)
- Sliding layer: PTFE-Compound

Characteristics

- 2-layer structure
- High lightweight potential
- Very good adaptability



MATERIAL CHARACTERISTICS

Characteristic values		KS P300T	KS P310T	Unit
Permissible specific bearing load p	Static	180		[N/mm ²]
	Dynamic	150		[N/mm ²]
Permissible sliding speed v	Oil-lubricated	> 1		[m/s]
	Dry running	1		[m/s]
Permissible temperature range		-200 to +180 (short-term: +240)		[°C]
Thermal expansion coefficient		9*10 ⁻⁵		[1/K]
Contact resistance		> 10 ⁵	> 10 ⁹	Ω cm ²
Available thicknesses		0.5 / 0.75 / 1.0 / 1.5 ₁ / 2.0 ₁		[mm]

Measurement according to KS specifications with a wall thickness of 0.5 mm / Steel layer

₁ On Request

QUALITY

- The complete manufacturing process is monitored and controlled by a proven set of quality assurance measures

CERTIFICATES

- Made in Germany
- ISO9001, ISO14001, ISO50001, IATF 16949

SUSTAINABILITY



CONTACT

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