



WEAR**FIGHTER**

KS P210 – KS P213

HIGHEST PERFORMANCE IN EVERY AREA

FEATURES AND CHARACTERISTICS

- Very high resistance to wear
- Especially good chemical durability
- Extremely resilient at high temperatures
- Ideal for minimum lubrication
- Processing additions or lubrication bags are possible

OPERATING CONDITIONS

Dry	○	○	○
Oil-lubricated	●	●	●
Greased	●	●	○
Water-lubricated	●	●	○

TYPICAL APPLICATIONS

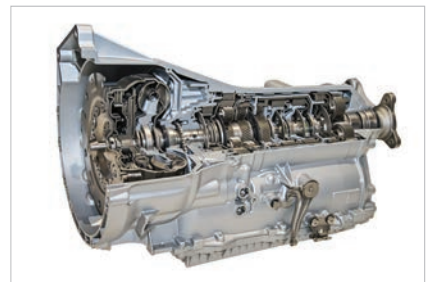
High-pressure injection pumps



Hydraulic pumps



(Industrial-) Gearboxes



Additional applications

- Hydraulic applications
- Agricultural machines
- Compressors
- Wind energy
- and many more

For further applications please contact our technical support.

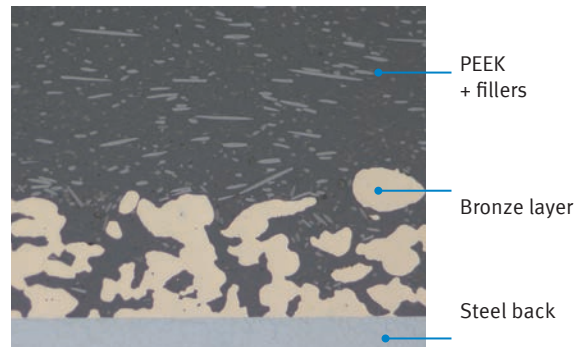
BEARING STRUCTURE

Sliding elements

- Steel back (DC04)
- Porous sintered bronze layer
- PEEK sliding layer with fillings

Characteristics

- Suitable for tribological systems with initial lubrication or hydrodynamic systems with increased proportion of mixed friction



MATERIAL CHARACTERISTICS

Characteristic values		Value	Unit
Permissible specific bearing load p	Static	250	[N/mm ²]
	Very low sliding speed	140	[N/mm ²]
	Oscillating	120	[N/mm ²]
Permissible sliding speed v	Oil-lubricated	10	[m/s]
	Greased	2.5	[m/s]
Permissible temperature range		-60 to +200 (short-term: +250)	[°C]
Thermal expansion coefficient		$50 \cdot 10^{-6}$	[1/K]
Thermal conductivity		> 5	[W/(m · K)]

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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