



CORROSION PROTECTOR

KS P147 – IF CORROSION IS AN ISSUE

FEATURES AND CHARACTERISTICS

- Excellent corrosion protection
- For maintenance-free and dry applications
- Optimal use in contaminated water areas
- Minimal swelling tendency

OPERATING CONDITIONS

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

TYPICAL APPLICATIONS

Wiper blades



EGR valves



Hinges



Additional applications:

- Solenoid valves
- Weir gate construction
- Pin bearing for water dams
- and many more

For further applications please contact our technical support.

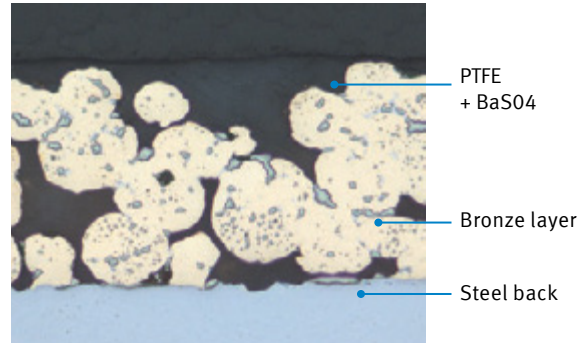
BEARING STRUCTURE

Sliding elements

- Steel back (DC04)
- Porous sintered bronze layer
- Solid lubricant PTFE with BaSO₄

Characteristics

- Solid lubricant provides a run-in layer
- Total layer thickness <0.4 mm



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, vibrating	56	[N/mm ²]
Permissible sliding speed	Dry running	2	[m/s]
	Wet running	3	[m/s]
Permissible temperature range		-200 to +280	[°C]
Thermal expansion coefficient		11 * 10 ⁻⁶	[1 / K]
Thermal conductivity		>42	[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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