

# MULTIPERFORMER

## KS P200 TO KS P203 – PRACTICAL | DURABLE | FLEXIBLE

### FEATURES AND CHARACTERISTICS

- Low maintenance with long duration
- Very high wear-resistance
- Especially good chemical properties
- Low sensitivity to edge and impact loading
- Processing additions for increased tolerance requirements are possible

### OPERATING CONDITIONS

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

### TYPICAL APPLICATIONS

#### Brakes



#### Hydraulic motors



#### Pneumatic cylinder



### Additional applications:

- |  |   |   |
|--|---|---|
| <ul style="list-style-type: none"> <li>• Gearbox</li> <li>• Radial piston machines</li> <li>• Food industry</li> </ul> | <ul style="list-style-type: none"> <li>• Forklift</li> <li>• Commercial vehicle couplings</li> <li>• Seat adjuster</li> </ul> | <ul style="list-style-type: none"> <li>• Steering bolt</li> <li>• Agricultural machines</li> <li>• and many more</li> </ul> |
|--|---|---|

For further applications please contact our technical support.

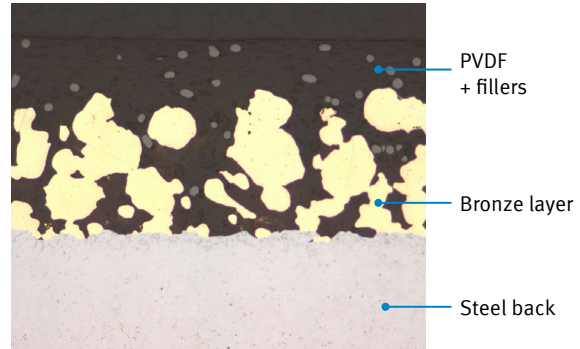
## BEARING STRUCTURE

Sliding elements

- Steel back (DC04)
- Porous sintered bronze layer
- PVDF sliding layer with fillers

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 <sup>2</sup> ]
	Very low sliding speed	140	[N/mm <sup>2</sup> ]
	Oscillating	120	[N/mm <sup>2</sup> ]
Permissible sliding speed v	Oil-lubricated	5	[m/s]
	Greased	3	[m/s]
Permissible temperature range		-60 to +110	[°C]
Thermal conductivity		>3	[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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