

**PGslide® high temperatur sliding bearing, e.g. types HTK...
with sliding material PG High Therm®**

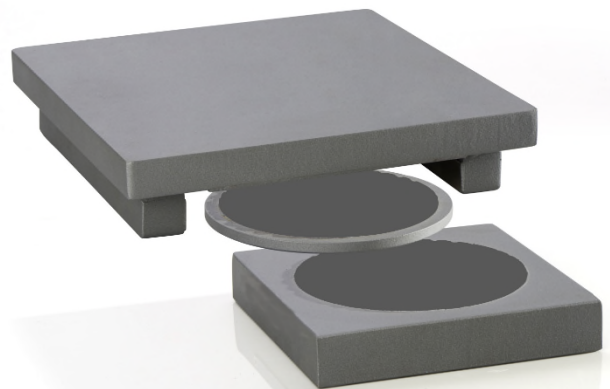
PG-GROUP - STRUCTURAL BEARINGS

NEW GENERATION PGslide® BEARINGS – Patent pending ¹⁾

Spherical bearings
Structural bearings
Sliding supports
Pipe sliding supports
for

SCR, FGD, DeNox, DeSox
Waste incineration
Flue gas ducts
Heat exchangers
Air coolers
Electric filters
Pressure vessels
Steam and hot water vessels
Boilers, HRSG
and many more...

TEMPERATURES UP TO 200°C
(WITH INSULATION UP TO 550°C)

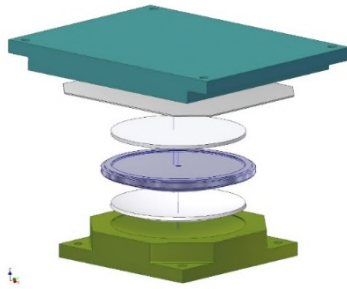


**Bearings do not need additional insulation
⇒ compact design and can be used...**

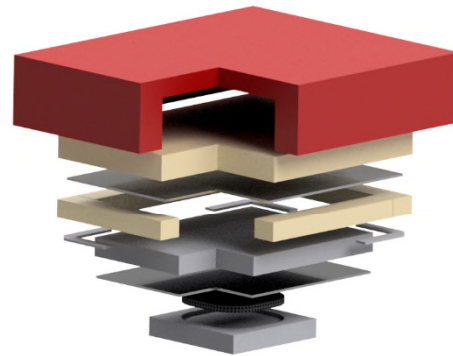
- for temperatures up to +200°C
- at contact pressure up to 30 N/mm²
(total loads of up to 30.000 kN can be realized)
- with friction coefficient $\mu \leq 1\%$

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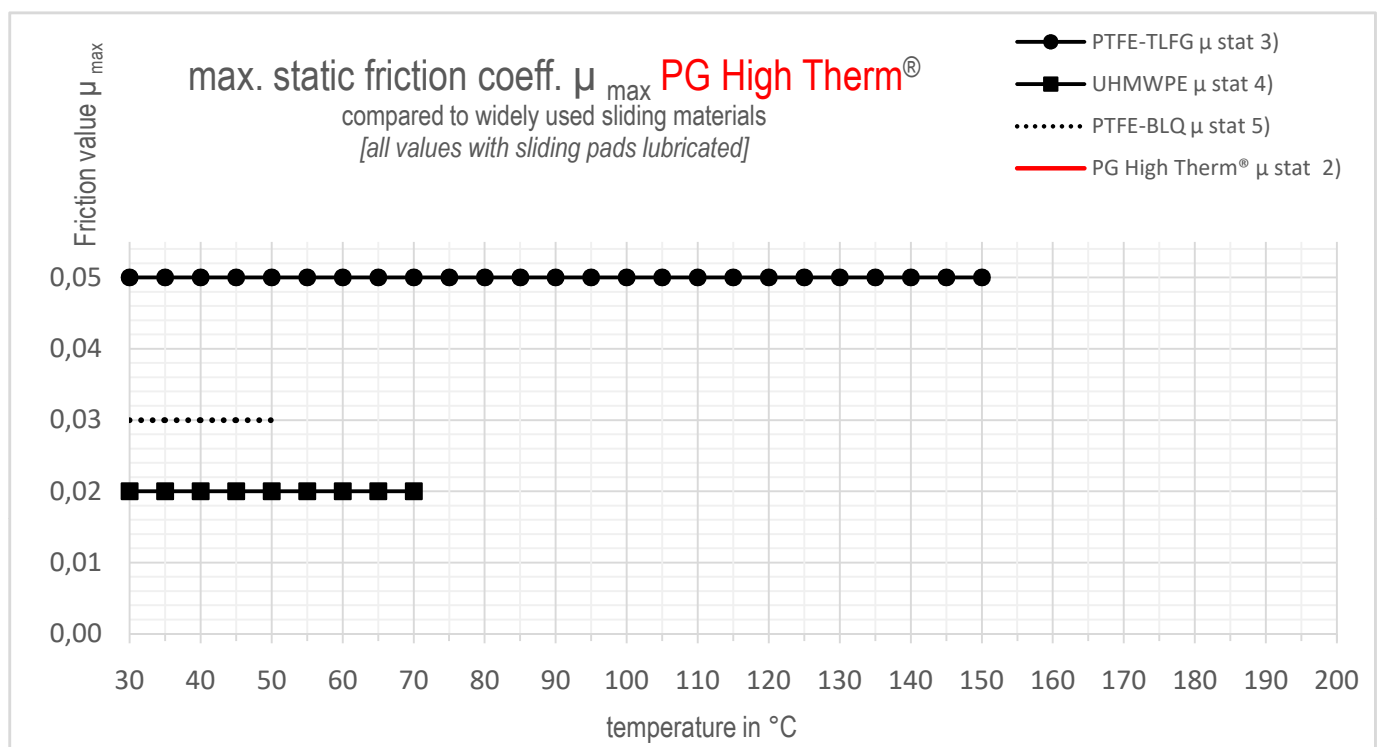
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Without additional insulation (up to 200°C)



With additional insulation (up to 550°C)



¹⁾ patent pending, project was supported by Fed. Min. for economic aff.

²⁾ measured at and confirmed by MPA (University) of Stuttgart

³⁾ acc. to manufacturer (competitor), data sheet

⁴⁾ acc. to manufacturer (competitor), in ETA max. temp. 70°C

⁵⁾ acc. to EN 1337-2, only approved up to +48°C

Supported by:



Federal Ministry
for Economic Affairs
and Climate Action

on the basis of a decision
by the German Bundestag