

PEL[®] T

Metallic range

HIGH RESISTANCE TO WEAR AND SEIZURE IN HIGH-PRESSURE AND ABRASIVE ENVIRONMENTS. LOW-MAINTENANCE APPLICATION

PEL[®] T technology is suitable for high contact pressures and abrasive environments, with either alternating or continuous rotation. Lubrication intervals are considerably extended.

Example of applications:



Brush cutter
arm



Waste
collection



Waste
compactors



Tillage



Harvester
heads



Operating conditions

Max. static pressure	200 MPa
Max. dynamic pressure	100 MPa
Max. speed	8 m/s
Max. PV factor	See curves on back
Max. temperature Lubrication	Up to 250°C
Lubrication intervals	Greased
Assembly instructions	Up to 250 h
Press or nitrogen assembly. If something else, please contact us	

Standard tolerances of the bushing

Inside Ø	H9**
Outside Ø	p6**

Housing

Standard tolerance	H7*
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Shaft

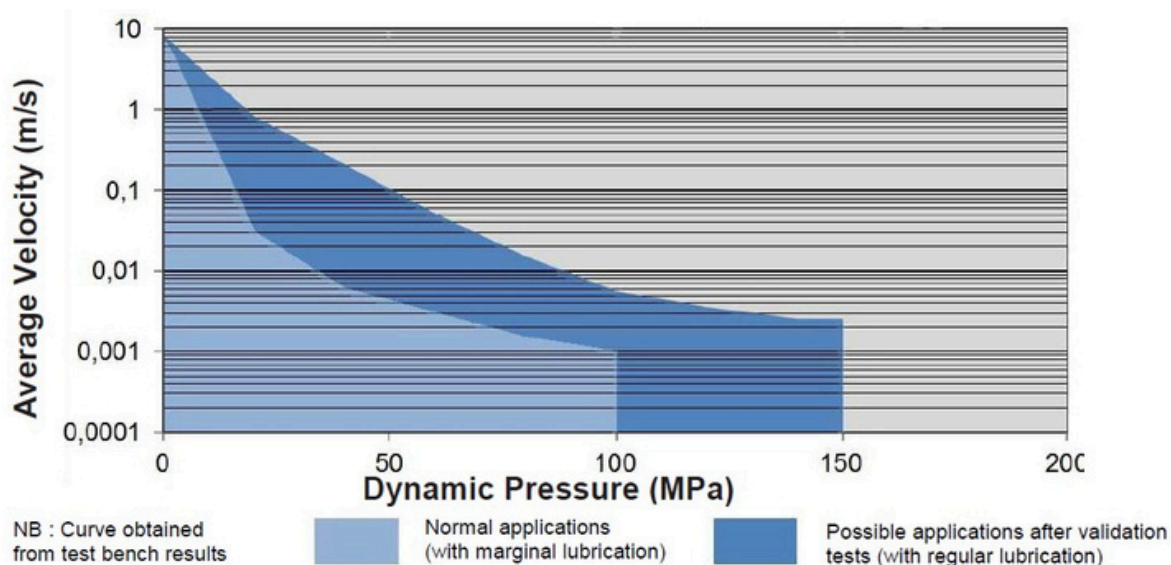
Standard tolerance	f7*
Optimum roughness	< 0,8 µm
Recommended surface treatments	Hardness > 56 HRC
Optimum HEF technology	PEL [®] ST, PEL [®] STC, ...

* Depending on the severity of your application conditions, these recommendations may change.

Contact us before use

** After assembly in an H7 housing

Courbes PV :



Extensive testing and R&D capacities

- 60 tribologists and R&D engineers
- More than 30 test benches, customisable tribometers Studies in special environments:
- Cryogenic, high- temperature, water, oil, grease, dust, etc.
- Over 3000 studies conducted in various industries
- Over 200 patents

The PEL[®] T component is based on our experience in the field of tribology. However, it must be tested and validated under your actual working conditions before it is adopted for permanent use. PEL[®] T TECHNOLOGY IS A WORLDWIDE HEF PATENT – HEF IS THE ONLY AUTHORISED MANUFACTURER

Contact

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