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	Up to 250°C
Lubrication	Greased
Lubrication intervals	Up to 250 h
Assembly instructions	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*

Shaft

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

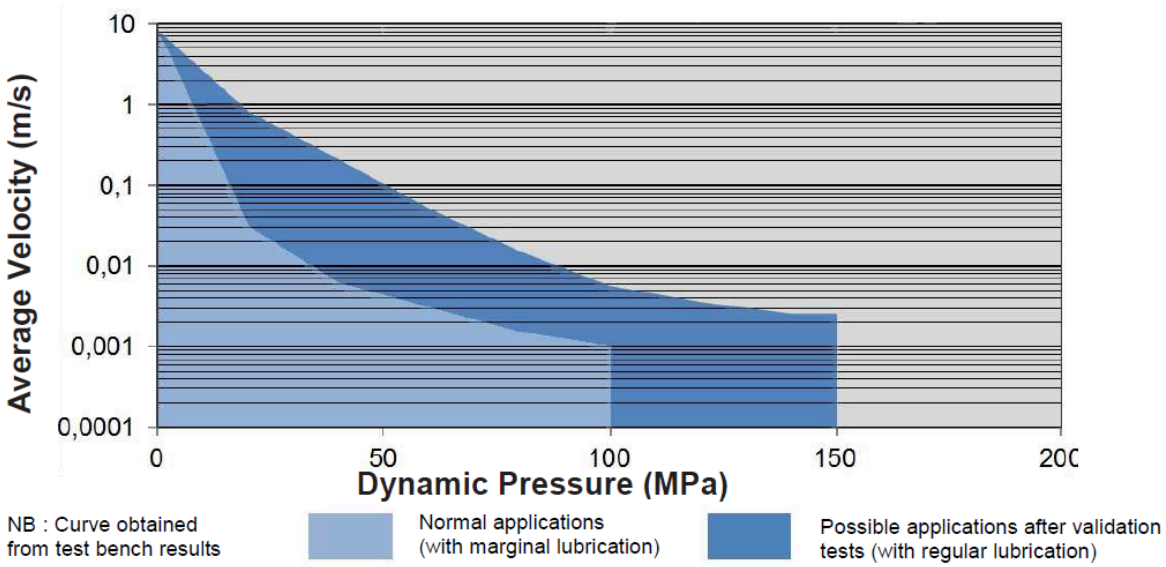
* Depending on the severity of your application conditions, these recommendations may change. Contact us before use
** After assembly in an H7 housing

Contact

HEF DURFERRIT MECHANICAL PRODUCTION PLANTS
FRANCE, UNITED KINGDOMS, INDIA, CHINA
EMAIL: bushings@hef.group

HEF DURFERRIT MECHANICAL SALES OFFICES
EUROPE, INDIA, USA, JAPAN, CHINA

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

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