



PEL[®] HP

HIGH RESISTANCE TO WEAR AND SEIZURE IN HARSH WORKING CONDITIONS

PEL[®] HP bushings have an excellent resistance to wear and seizure thanks to duplex surface treatment combines with patented greasing reservoirs on the friction area.



Standard tolerances:

OD: p6
ID: H9

Mating pin:

Hardness ≥ 56 HRC
Optimum Roughness : Ra $\leq 1.6 \mu\text{m}$

Applications:

- Attachment (grapples...)
- Handling (telescopic handler, harbor forklift...)
- Agriculture (plough...)

PEL HP benefits:

- Long interval of lubrication (up to 250 hours)
- High wear and seizure resistance
- Appropriated for translation application

Characteristics:

	PEL HP
Dynamic projected contact pressure (Max)	100 MPa
Core mechanical resistance (Min)	700 MPa
Surface hardness (Min)	550 Hv ₁
Velocity (Max)	1.5 m/s
Temperature	- 40 °C to + 250 °C



Non contractual document



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