FAG SuperTac II Taconite Seals
The Drop-in Solution
FAG Super Tac II Taconite Seals

<table>
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<tr>
<th>Shaft</th>
<th>Pillow Block</th>
<th>FAG Seal No.</th>
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</table>

SuperTac II seals are unavailable for some metric shaft sizes due to inadequate space between the shaft and housing seal grooves to accommodate the seal design.
At the Sign of Contamination, the Seal that Delivers

In the most severe service conditions, for which FAG pillow blocks are so highly suited, it is common for the rolling bearings to be exposed to the risk of the adverse affects of environmental contamination. In order to prevent premature bearing failure due to localized pollutants, the selection of a reliable seal arrangement can become the most important consideration in the bearing and housing assembly.

For a virtually impenetrable and standard seal design, FAG offers the drop-in SuperTac II.

Design Features

• FAG SuperTac II seals are manufactured from high grade steel with black oxide coating as standard; special design option of nickel plating is available upon request
• the internal design features a radial / axial web barrier to external contaminants
• a grease packed radial labyrinth is formed by high grade spring steel laminar rings that align into two close running barriers, separated by a lubricant distribution channel
• working together with the grease purged axial labyrinth, the result is a web that stands virtually impenetrable
• the seal flinger is equipped with 2 set screws spaced at a 65° interval for maximum holding power to the shaft
• an o-ring in the flinger bore prevents the ingress of fluids between the seal and shaft

Operating Benefits

• FAG SuperTac II is designed as a drop-in fit to the seal grooves of FAG series SAF pillow blocks, as well as many competitive designs, eliminating the need for special housing features
• the non-contact seal design eliminates shaft wear common to competitive designs
• SuperTac II seals accept greater misalignments than lip seals
• exceptional speed characteristics: equivalent to bearing speed limits
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www.schaeffler.us

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WL 90 125/3 EC/ED