

SKF Taconite Seals

One global design for split housings for extremely contaminated and wet applications



Protect to prevent

Bearings in split block housings that operate in applications in heavy-duty industries need extra protection.

SKF Taconite Seals are designed with a multi-stage labyrinth cartridge seal to reduce water and contaminant ingress and improve the service life of bearings. With reduced grease consumption and environmental impact, SKF Taconite Seals give your bearings the protection they need.

Superior protection and easier alignment

SKF Taconite Seal consists of two rings (one stationary and one rotating) which form a very narrow labyrinth between the two rings. The rotating labyrinth ring carries a V-ring seal that seals against the stationary labyrinth ring. The V-ring seal blocks contaminants from entering the bearing housing and aids the purging of contamination and old grease when the seal is re-greased.

Benefits

- Excellent exclusion of contaminants
- Improved water ingress prevention (including high pressure washing)
- Longer bearing and seal service life
- Reduced grease consumption
- Reduced environmental impact
- Compact design
- Easier installation and alignment
- Compatible with new and older housings





Typical applications

- Conveyor pulleys
- Grinding mill pinion housings
- Bucket elevators
- Hoists and winches
- Jack shafts
- Pulverizers



New design, new levels of protection

Redesigned from the ground up, SKF Taconite Seals are now easier to install. They include new innovations in nipple, thread and stationary features, improving flexibility and strength.

- **New easy-to-see rectangular alignment track for better dirt visibility**
- **The O-ring in the sealing track has been tightened and replaced**
- **Larger V-ring now mounted on the large seal of the same design – this applies to the 150-500 mm shaft dimension.**
- **New bigger stopper screw to help facilitate assembly**
- **No grease nipple from 520 mm upwards without an adaptor (with a large thread a transition nipple can be used to connect to System24)**
- **A lubricating syringe can be used, and a lubrication nipple can be attached to the adaptor**

Range:

- Available for all SKF housings on sale today
- Bolt-on version available from 3168 upwards
- Shaft size from 420 mm
- 35-600 mm shafts for Taconite
- O-ring and V-ring for normal temperatures in the housings
- Over 300 degrees the O-ring and V-ring material can be changed to titanium – the grease is also adjusted
- At high speeds the v-ring can be removed
- The V-ring can be kept at high speeds by customizing the sealing solution

[skf.com](https://www.skf.com)

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