

Rotary shaft seals

Additional types



AX-7M

This seal is designed for use in presence of pressure, up to max 6 Bar. A metallic band is inserted in the back of the seal. It is assembled in open housings and does not need a retaining plate. This profile is flexible and easy to assemble, ensuring stability in the housing.



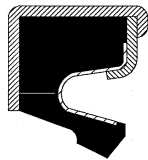
AX-3M

This seal does not need the retaining plate. The rubber seal has a flexible metal band in its shoulder, which makes it resistant, elastic and easy to install. This seal can be assembled in open housings and has a better resistance for possible misalignments. The spring is more protected than in standard ones.



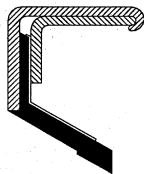
AX-3ML

Same profile as the AX-3M but this one has a rigid metal insert inside the shoulder, instead of the flexible metal band.



C59D

Interchangeable with Garlock® 59 seal, it is mostly used in steel mill plants or wherever a strong seal is necessary. This profile has a flexible rubber sealing lip and a metallic cage back with a finger-spring. The seal withstands a pressure of max 1 Bar.



C63D

Interchangeable with Garlock® 63 seal, it is mostly used in hot steel mill plants. This profile has a flexible rubber sealing lip and a metallic cage back with a finger-spring.


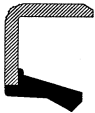

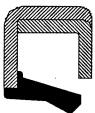

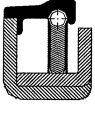


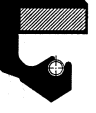
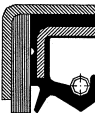
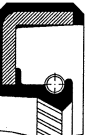
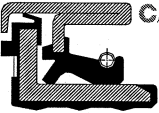
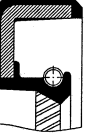

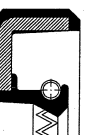






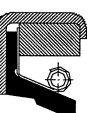


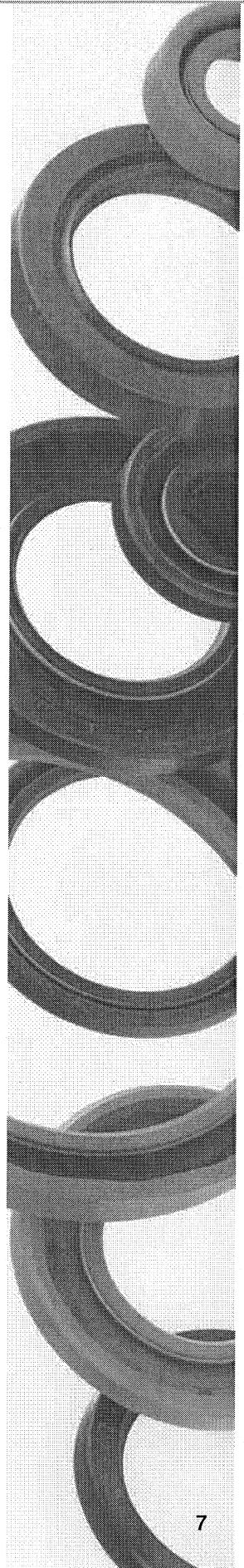
AX-GL

Originally designed to withstand large misalignments of some millimeters in static conditions, this seal can also be used for dynamic sealing with limited radial speed. The profile has a metallic cage inside its shoulder, with a spring that ensures the constant load operation.

Rotary shaft seals

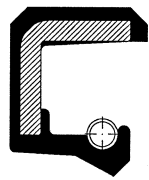
Additional types

- | | | | | | |
|---|----------------|---|---|---------------------------|---|
|  | AS - P | Reinforced sealing lip for overpressure, with or without additional dust lip |  | B - O | Outer metal case, sealing lip without garter spring |
|  | AS - PX | Reinforced sealing lip and special metal insert for overpressure, with additional dust lip |  | C - O | Outer metal case with reinforcing metal inner ring, without garter spring" |
|  | A - DUO | Twin sealing lips with two garter springs |  | C - TE | Inner metal case and sealing lip on O.D.; type B-TE available as well |
|  | A - O | Sealing lip without garter spring |  | C-DUO | Outer metal case with reinforcing cap, twin sealing lips with two garter springs |
|  | A - FL | Different spring groove for a better spring retention, waved O.D. |  | COMBI SEAL | Combination of a shaft seal and an additional lip in polyurethane against soiling, all in one housing |
|  | A - LD | Sealing lip with hydrodynamic ribs, left rotation |  | CASSETTE SEAL | Integrated sealing system: oil seal, wear sleeve and dust protection in one unit |
|  | A - RD | Sealing lip with hydrodynamic ribs, right rotation |  | RADIASEAL | Rotary shaft seal with fabric reinforced outer diameter. See pag 18 |
|  | A - WD | Sealing lip with bi-directional hydrodynamic ribs |  | SPLITRING | Rotary shaft seal only rubber, split. See pag 20 |
|  | ASX7 | Waved rubber covered O.D., metal insert, sealing lip with garter spring, with or without dust lip |  | DINA Seal Metal OD | Rotary shaft seal for needle bearing applications, without spring. See pag 21 |
|  | A - EC | End covers |  | DINA Seal Waved OD | Rotary shaft seal for needle bearing applications, without spring. See pag 21 |
|  | A - TE | Rubber covered I.D. and sealing lip on O.D. |  | C64D | Rotary shaft seal for heavy industry. See pag 22 |

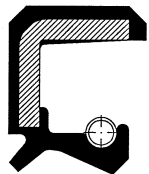


Rotary shaft seals

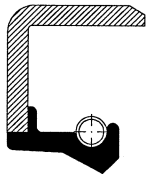
Description of standard shaft seal types (in accordance with DIN 3760)



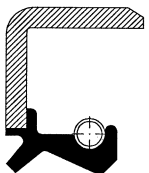
A Rubber covered O.D., metal insert, sealing lip with garter spring



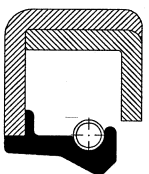
AS Rubber covered O.D., metal insert, sealing lip with garter spring and additional dust lip



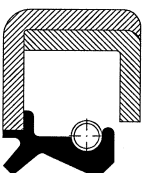
B Outer metal case, sealing lip with garter spring



BS Outer metal case, sealing lip with garter spring and additional dust lip



C Outer metal case with reinforcing metal inner ring, sealing lip with garter spring



CS Outer metal case with reinforcing metal inner ring, sealing lip with garter spring and additional dust lip