



Sealing Solutions for Agricultural Machinery



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At Kastas, we provide high quality and reliable solutions to Agricultural Machinery sector around the world.

Agricultural machinery has a vital importance in the success of agriculture business where seasonal harvests play an important role.

Agricultural machinery faces UV radiation, humidity, ozone attacking, fluctuating weather conditions and all types of natural contaminants therefore quality and integrity of the sealing system becomes a priority.



Sealing Solutions Approach

While sealing solution plays an important role in the success of Agricultural Machinery, Kastas provides you the best tools to succeed in the most demanding applications.

There is no second-guessing if you have customers who has a tough schedule to meet. All agricultural machinery must perform at the highest possible level when it is needed. Kastas offers best sealing solutions to meet your demands with an outstanding technical support and customer oriented services.

Agricultural Machinery

We offer sealing solutions for diverse applications in Agricultural Machinery.

- Tractors
- Cultivation Equipments
- Seeding & Planting
- Harvesting Equipment
- Loaders

Top Level Service

- Extensive ex-stock capability for standard products
- High production and services flexibility for customer-specific needs
- Reliable quality and competitive prices
- Industry's best lead times for customized and standard products
- Custom-designed products with lifecycle management

Product Range for **Agricultural Machinery**

ROD SEAL



FR200 FRICTION REDUCED ROD SEAL

- Low friction
- Low leakage
- Pressure relief



K22 ROD SEAL

- Superior static and dynamic sealing effect
- Wide range of dimensions
- Easy assembly into closed grooves



K32 ROD SEAL

- Superior sealing effect with the secondary lip
- High wear resistance
- Secondary sealing lip provides extra protection against the ingress of dirt particles



K33 ROD SEAL

- High wear resistance
- Superior sealing effect with the secondary lip
- Easy assembly into closed grooves



K35 ROD SEAL

- Low friction, free of stick-slip
- Due to the special profile it can be used in pair or with an u-ring
- Long service life



K29 BUFFER SEAL

- No pressure build up between the primary and secondary seal
- High wear resistance
- Low friction

PISTON SEAL



K18 BUFFER SEAL

- Superior sealing performance
- Economic sealing and guiding solution
- Simple groove design, one-piece piston possible



K49 PISTON SEAL

- Superior static and dynamic sealing
- Ability to move without vibration even at low running speeds
- No twisting in the housing due to rectangular profile



K17 PISTON SEAL

- Low friction, free of stick-slip
- Simple groove design and low axial housing heights
- Long service life



K518 COMPACT PISTON SEAL

- Superior radial load bearing capacity
- Economic sealing and guiding solution
- Simple groove design, one-piece piston possible



K15 PISTON SEAL

- High static and dynamic sealing effect
- Low axial housing heights
- Simple groove design, one-piece piston possible



K46 COMPACT SET

- Superior sealing performance
- Economic sealing and guiding solution
- Able to work on rough surfaces

WIPER



K107 HYDRAULIC WIPER

- Very good wiping performance
- Simple, easy construction groove
- Due to the special design of nutring shaped double wiper it allows excellent sealing without drainage requirement



K07-PU METAL CASE WIPER

- Superior wiping performance
- Axially open, easy-construction groove
- Used in heavy conditions by the good mechanical properties of PU material



K05 WIPER

- Superior wiping performance
- Improved wiping effect of dirt, water spray, etc with the help of the secondary sealing lip on the outer diameter
- Simple, easy-construction groove



K94 WIPER

- Very good wiping performance
- Simple, easy-construction groove
- No twisting in the house

GUIDE RINGS



K68-K69 GUIDE RING

- Easy, snap-in fitting
- Medium load-bearing capacity
- Prevents hydrodynamic pressure

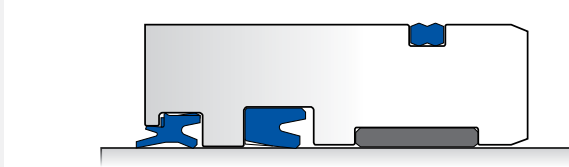


K73 GUIDE RING

- High load bearing capacity
- Minimum static and dynamic friction coefficient for a minimum energy loss and operating temperature
- Able to be used on dry condition

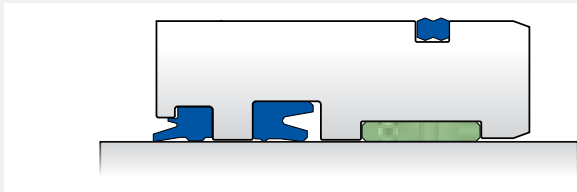
Sealing Configurations for Agricultural Machinery

Configuration **K107-FR200-K68-K85**



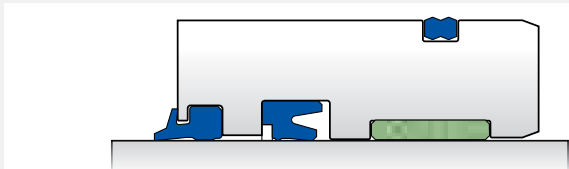
- Low friction
- Superior sealing in dynamic and static conditions
- No hydrodynamic pressure build up with back pump ability of nutring
- Long service life
- Superior protection to environmental effects with K107 wiper

Configuration **K05-K33-K73-K85**



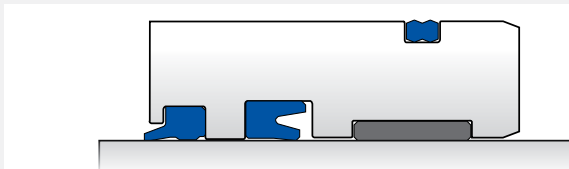
- Superior sealing performance
- K33 provides extra protection against the ingress of dirt particles
- Simple installation
- High load bearing capacity with excellent guiding

Configuration **K94-K32-K73-K85**



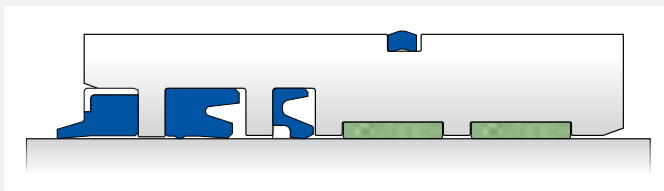
- Superior sealing performance
- K32 provides extra protection against the ingress of dirt particles
- Improved sealing gap due to the active back-up ring
- Simple groove design

Configuration **K06-K22-K68-K85**



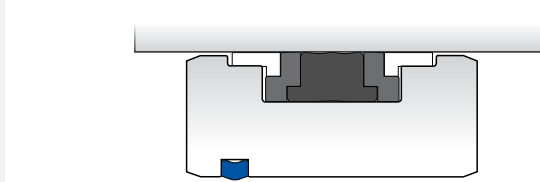
- Optimal price/performance combination
- Easy installation
- Simple construction

Configuration **K07-K33-K29-K73-K84**



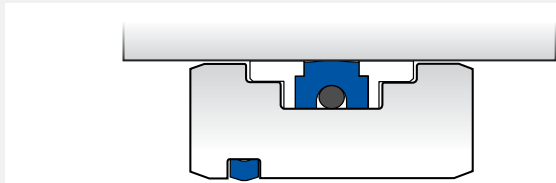
- High load bearing capacity with excellent guiding
- Low friction
- Superior sealing in variable speeds
- Perfect sealing even at shock pressures

Configuration **K18**



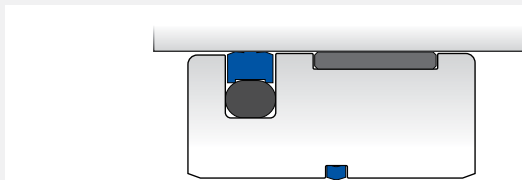
- Functional safety up to 400 bar pressure
- Superior sealing performance
- Economic sealing and guiding solution
- Simple groove design, one-piece piston possible
- Long service life
- Simple snap installation

Configuration **K46**



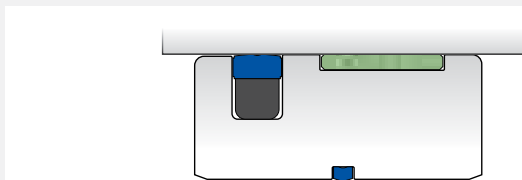
- Superior sealing performance even with higher surface roughness
- No requirement for an additional guiding due to the compact design
- Economic sealing and guiding solution
- Simple groove design, one-piece piston possible
- Reduced material costs due to low cross-section thickness

Configuration **K15-K69**



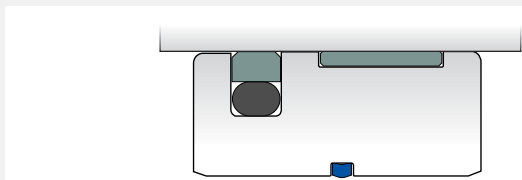
- Optimal price/performance combination
- Easy installation
- Simple groove design
- Groove design according to ISO 7425-1

Configuration **K49-K73**



- Superior sealing performance
- Easy installation
- Simple groove design
- High radial load bearing capacity with excellent guiding
- Groove design according to ISO 7425-1

Configuration **K17-KBT**



- Very low friction
- High performance at low speeds
- Groove design according to ISO 7425-1



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