



► **K515**

High Performance Piston Seal

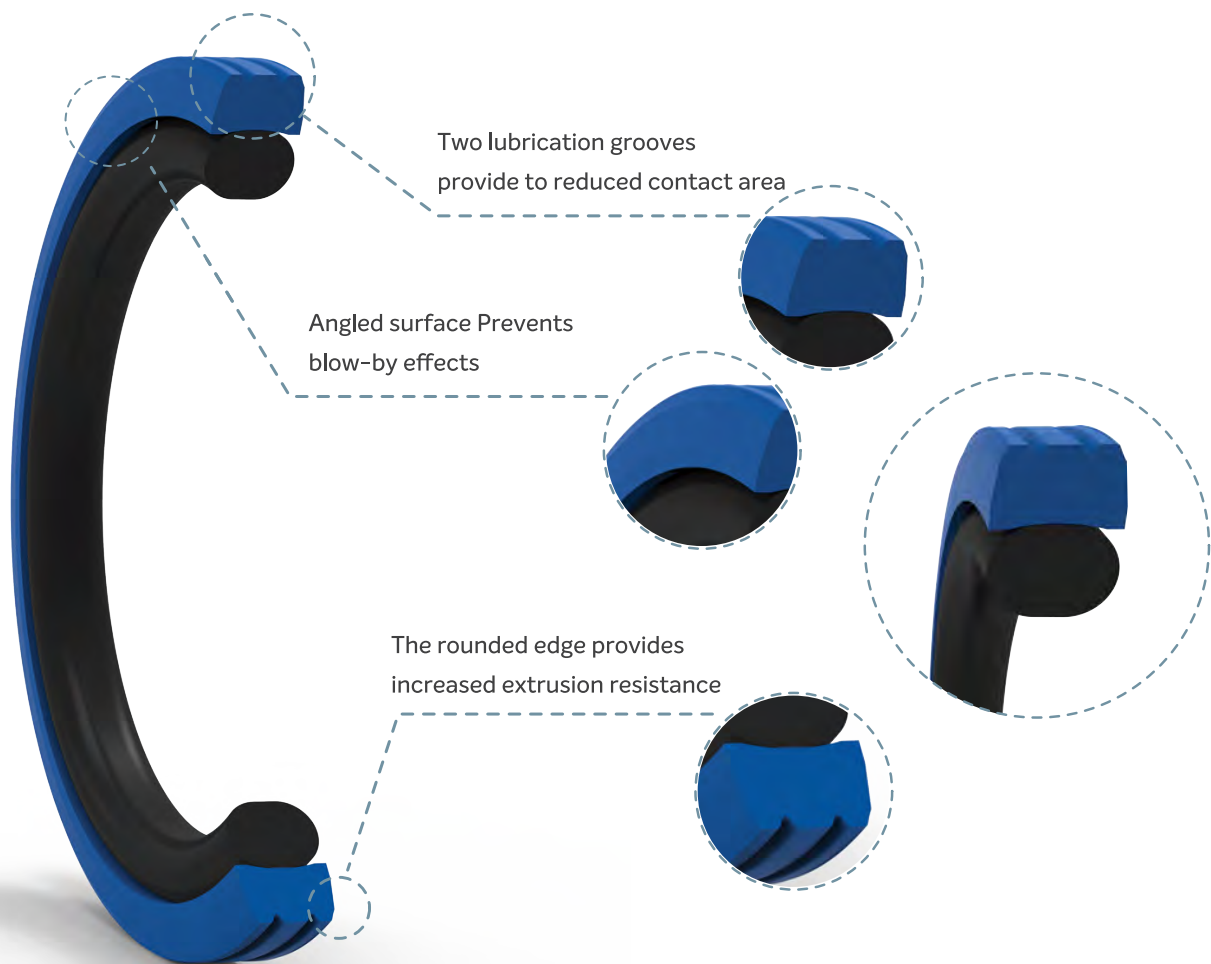
Kastas Sealing Technologies



► K515

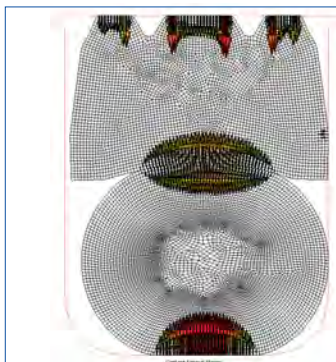
High Performance Piston Seal

K515 retains two special grooves to sustain an oil film for enough lubrication of the seal against its counter surface. In this way, while ensuring low friction and low static leakage benefits its special profile ensures increased extrusion resistance and minimized blow-by risk.

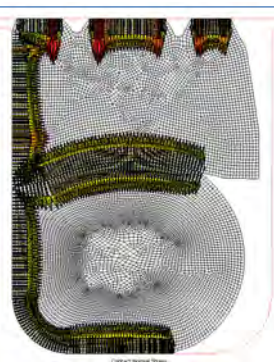


Finite Element Analysis

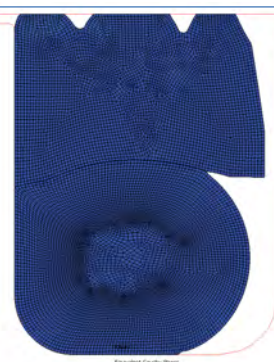
Optimum contact with the counter-surface



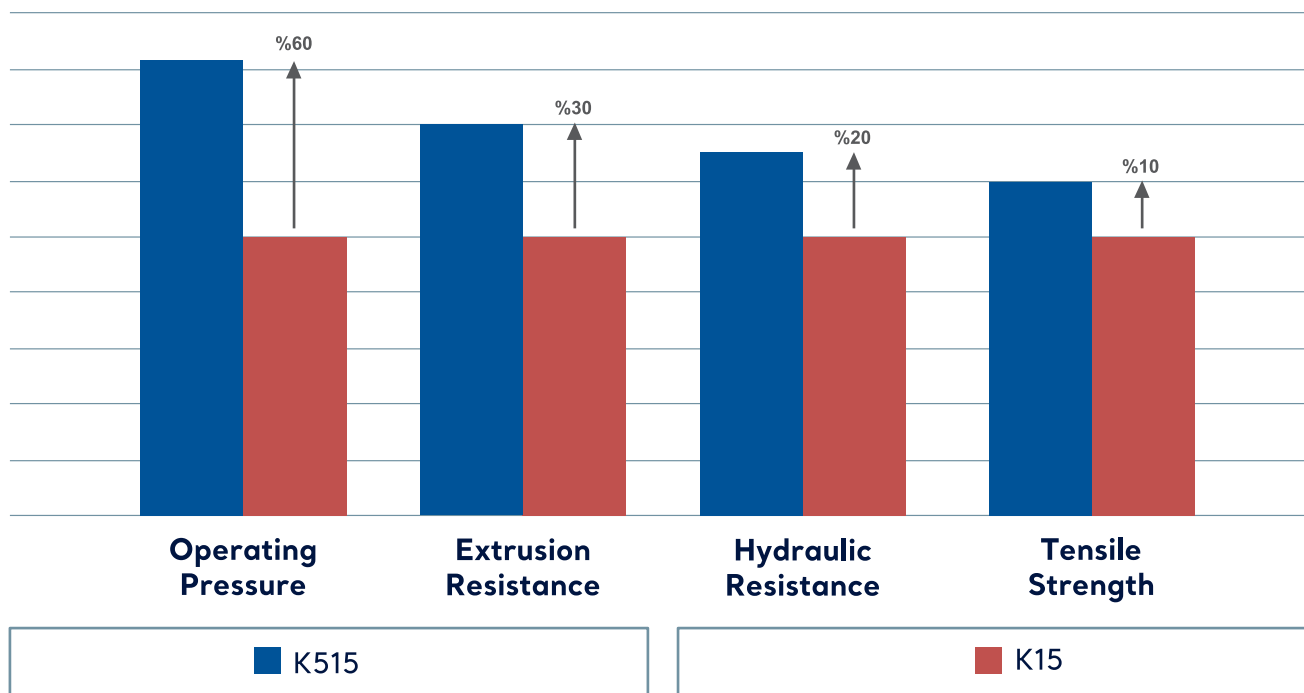
Contact Normal Stress
at 0 bar



Contact Normal Stress
at 300 bar



Equivalent Cauchy Stress
at 300 bar



Areas of Application



Forklifts



Agriculture Machinery



Material Handling



Standard Industrial Cylinders



Construction Machinery



Plastic Injection Moulding Machinery



K515

High Performance Piston Seal

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