

TECHNICAL INFORMATION

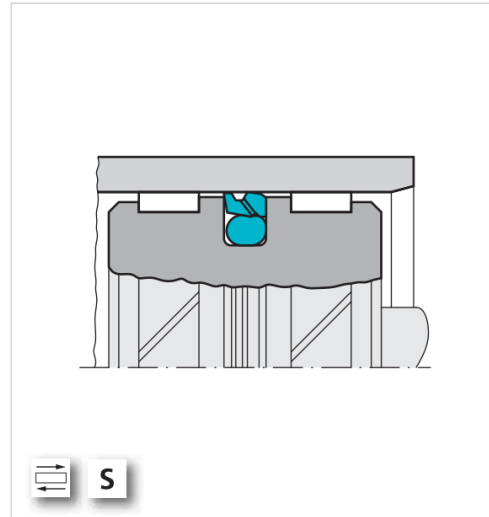
Piston Seals | Turcon® Stepseal® V



Turcon® Stepseal® V

A single-acting O-Ring energized piston seal with hydrostatic pressure relief channel for dynamic applications. It prevents pressure trapping between seals under all service conditions. Installed in closed grooves, including grooves to ISO 7425, Turcon® Stepseal V offers high sealing efficiency. It also has low friction with no stick-slip, minimal break out force and high wear resistance. Stepseal® V is preferably used with Turcon® or Zurcon® piston seals.

Ø Range	Pressure Range	Temperature Range	Velocity
15 - 2,700 mm	60 MPa	-45 °C +200 °C	15 m/s
0.600 in - 105 in	8,700 psi	-50 °F +390 °F	50 ft/s



KEY TO APPLICATIONS: Reciprocating =  Rotary =  Oscillating =  Helix =  Static =  Single-acting = **S** Double-acting = **D**

Important Note

Installation suggestions, material recommendations, parameters and further data provided are always subject to the particular field of use and the application in which the seal is intended to be used, in particular the interaction of the seal with other components of the application. Therefore they neither constitute an agreement on the legal and factual nature nor a guarantee of quality. Technical changes and errors remain reserved.