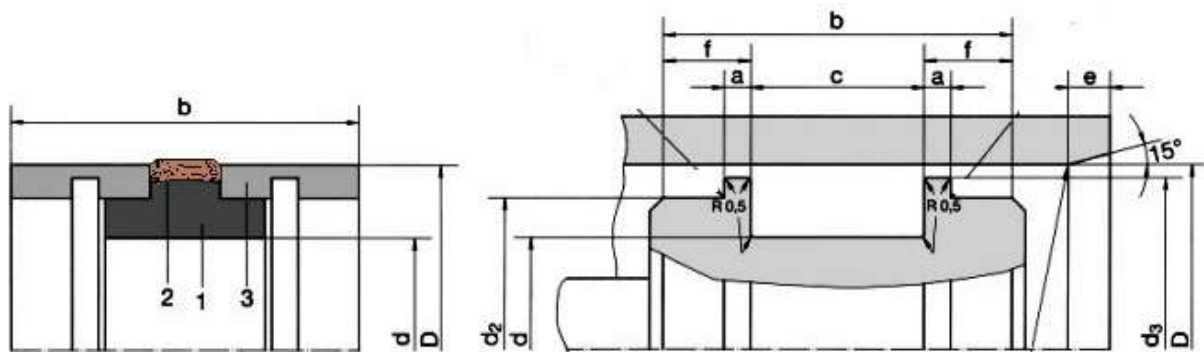


## Data Sheet for Piston Seal K25

### Technical Data

Seal Materials	Max. Operating Temp °C	Pressure MPa	Glide Speed m/s
APU + AR1+ ATL	100	50	0.5
AF2 + AR1+ ATL	100	50	0.5

Media: Mineral oil-based hydraulic fluids.



$R_{max}$ : 0.3 mm

Bore Dia range D mm	Groove OD d mm	Step Diameter $d_3$ mm	Groove Length C mm	Step Length a mm	Total Length b mm	Step length f mm
50-75	D-16	D-4	20.5	3	32	5.8
75 - 120	D-18	D-4	22.5	3	36	6.8
120-180	D-22	D-4	26.5	4 or 6	43	8.3
180-220	D-25	D-4	31.5	6 or 8	58	13.3
220-300	D-25	D-4	31.5	15	74	21.3

Note: For temp above 70°C extrusion clearance have to be lower

**Ordering example: Piston Seal K25 82 x 100/ 96 x 22.5/36/ AR1+ATL + AF2**