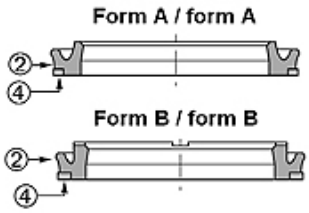
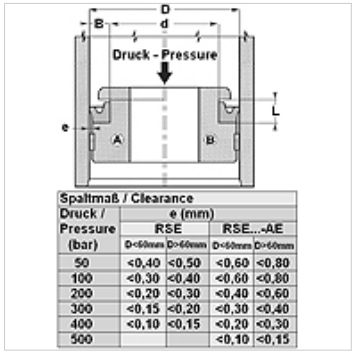
RSE AE
Piston seal RSE-AE

Properties

Design	Piston U-ring
Operating pressure	up to 500 bar
Sliding speed max.	0,5 m/s
Temp. min.	-30 °C
Temp. max.	80 °C
Media	Mineral oils
Installation	on one-piece pistons A on multi-part pistons B
Material	(2) Seal: PUR (2) Support ring: acetal resin / PTBR
Application	Hydraulics



Toleranz / Tolerance		
D	d	L
H10 / e8	+0,10 0	+0,20 0



Spaltmaß / Clearance

Druck / Pressure (bar)	e (mm) RSE D<60mm	RSE D>60mm	RSE...-AE D<60mm	RSE...-AE D>60mm
50	<0,40	<0,50	<0,60	<0,80
100	<0,30	<0,40	<0,60	<0,80
200	<0,20	<0,30	<0,40	<0,60
300	<0,15	<0,20	<0,30	<0,40
400	<0,10	<0,15	<0,20	<0,30
500			<0,10	<0,15

Note

The piston seals are not suitable for double-acting pistons. Please contact us.

Description

High abrasion resistance.
Good tightness.
Simple solution.

Item

Identification	D (mm)	d (mm)	L (mm)	Profile	Standard grooves
RSE 40 25-AE	40	25	9,5	B	ISO 5597
RSE 50 35-AE	50	35	9,5	B	ISO 5597
RSE 60 45-AE	60	45	9,5	A	ISO 5597
RSE 63 48-AE	63	48	9,5	B	ISO 5597
RSE 70 50-AE	70	50	12,5	A	-
RSE 80 60-AE	80	60	12,5	B	ISO 5597
RSE 90 70-AE	90	70	12,5	B	ISO 5597
RSE 100 80-AE	100	80	12,5	B	ISO 5597
RSE 110 90-AE	110	90	12,5	B	ISO 5597
RSE 125 100-AE	125	100	15,5	B	ISO 5597
RSE 140 115-AE	140	115	15,5	A	ISO 5597
RSE 140 120-AE	140	120	12,5	B	-
RSE 160 140-AE	160	140	12,5	B	-
RSE 200 170-AE	200	170	19,0	A	ISO 5597
RSE 200 175-AE	200	175	16,0	A	-

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.