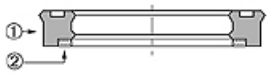
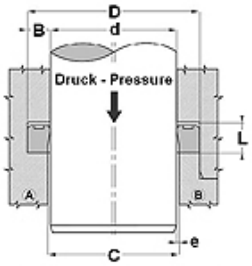
TS LA
Rod seal TS-LA

Properties

Design	Rod 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	in closed grooves A in open grooves B
Material	(1) Seal: PUR (2) Support ring: acetal resin / PTBR
Application	Hydraulics



Spaltmaß / Clearance				
Druck bar	e (mm)			
	TS-TS...L		TS...-AI-TS...-LA	
	d<60mm	d>60mm	d<60mm	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



Toleranz / Tolerance		
d	D	L
H8 / f7	±0,04	0/+0,40

Description

High abrasion resistance.
Extremely good sealing effect at low pressure.
Fast alternation of loads.

Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

Item

Identification	d (mm)	D (mm)	L (mm)
TS 40 48-LA	40	48	9,0
TS 40 50-LA1	40	50	11,0
TS 40 52-LA	40	52	11,0
TS 40 55-LA	40	55	8,5
TS 40 55-LA1	40	55	11,0
TS 45 55-LA1	45	55	11,0
TS 45 60-LA	45	60	11,0
TS 50 60-LA1	50	60	11,0
TS 50 65-LA	50	65	11,0
TS 55 65-LA1	55	65	11,0
TS 56 71-LA	56	71	12,5
TS 60 70-LA4	60	70	13,5
TS 60 75-LA	60	75	13,0
TS 60 80-LA	60	80	13,0
TS 63 75-LA	63	75	13,0
TS 63 78-LA1	63	78	12,5
TS 63 78-LA	63	78	13,5
TS 63 83-LA	63	83	13,0
TS 65 75-LA	65	75	13,0
TS 65 80-LA	65	80	12,5
TS 70 85-LA1	70	85	13,0
TS 75 90-LA	75	90	13,0
TS 75 95-LA	75	95	14,5
TS 80 88-LA	80	88	10,0
TS 80 95-LA	80	95	12,5
TS 80 96-LA	80	96	10,5
TS 80 100-LA	80	100	12,5
TS80 100-LA1	80	100	14,5
TS 90 105-LA2	90	105	9,5
TS 90 105-LA1	90	105	13,0
TS 90 110-LA	90	110	13,0
TS 95 115-LA	95	115	14,5
TS 100 110-LA	100	110	13,5
TS 100 113-LA	100	113	13,5
TS 100 120-LA	100	120	14,5
TS 110 120-LA	110	120	14,5
TS 110 125-LA1	110	125	13,0
TS 120 140-LA	120	140	12,5

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

Item

Identification	d (mm)	D (mm)	L (mm)
TS 140 165-LA	140	165	19,0

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