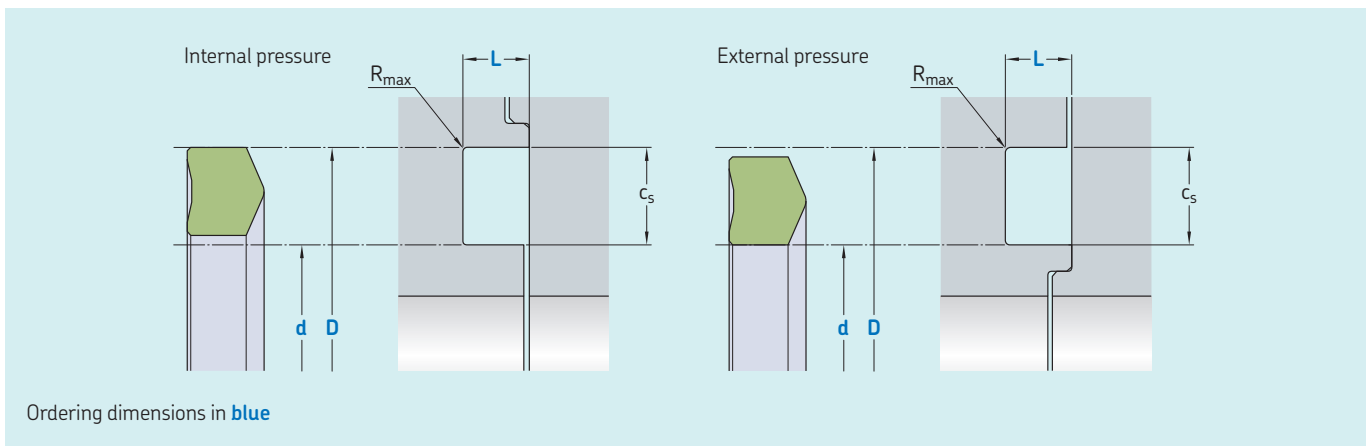


# R35-A



Surface roughness	$R_{tmax}$	$R_a$
	μm	
<b>Sliding surface</b>	≤ 2,5	0,1–0,5
<b>Bottom of groove</b>	≤ 6,3	≤ 1,6
<b>Groove face</b>	≤ 15	≤ 3

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

Standard dimensions		$C_s$	L	R
Corresponding O-ring cord diameter $d_2$				
AS 568A <sup>1)</sup>	ISO 3601 <sup>2)</sup>			
mm				
<b>1,78</b>	<b>1,8</b>	2	1,40	0,4
<b>2,62</b>	<b>2,65</b>	3	2,25	0,4
<b>3,53</b>	<b>3,55</b>	4	3,10	0,4
<b>5,33</b>	<b>5,3</b>	6	4,75	0,4
<b>6,99</b>	<b>7</b>	8	6,20	0,4

<sup>1)</sup> American standard  
<sup>2)</sup> DIN 3771  
 Minimum nominal inside diameter  $d \geq 5$  mm.  
 Standard definition for this profile is inside pressure.

### Ordering example

Profile  
 d x D x L [mm] / Pressure side  
 Sealing material

**Rotary seal R35-A**  
**100 x 112 x 4,75 / Internal pressure**  
**ECOPUR**

## Operating parameters

Material Seal	Temperature		Speed	Pressure
	from	to	max	max
	°C		m/s	bar (MPa)
■ ECOPUR	-30	+110		800 (80)
■ ECOPUR LD	-35	+110		800 (80)
■ G-ECOPUR	-30	+110		800 (80)
■ H-ECOPUR	-20	+110		800 (80)
■ S-ECOPUR	-20	+110		800 (80)
■ T-ECOPUR	-50	+110	only recommended for static application	800 (80)
■ SKF Ecorubber-1	-30	+100		250 (25)
■ SKF Ecorubber-H	-25	+150		250 (25)
■ SKF Ecorubber-2	-20	+200		250 (25)
■ SKF Ecorubber-3	-50	+150		250 (25)
■ SKF Ecoflas	-10	+200		250 (25)
■ SKF Ecosil	-60	+200		250 (25)

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.