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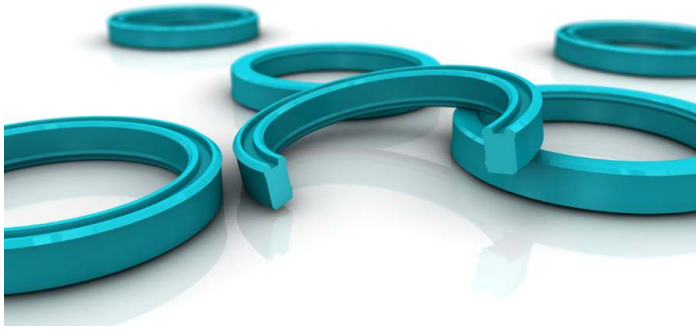

TECHNICAL INFORMATION

Rod Seals | Zurcon® U-Cup RU2

Description

The compact U-Cup type RU2 is designed for small grooves. It is thus particularly suitable for use in space-saving designs. The compact form provides a high sealing effect even with low system pressures.

The U-Cup has two sealing lips in the dynamic sealing zone. The compact form with two sealing lips provides an improvement in the leakage behaviour at low system pressures. Due to the incorporation of an oil trap between the two sealing lips, friction at pressures above approx. 10 MPa is reduced. Furthermore, the second sealing lip prevents the entry of dirt from the atmosphere side.

Advantages

- Good sealing effect at high and low pressures
- Good abrasion resistance, wear-resistant
- Unaffected by sudden loads
- Suitable for small grooves
- Simple installation

Technical Data

Pressure	:	Up to 40 MPa
Speed	:	Up to 0.5 m/s
Temperature	:	-35 °C to +110 °C
Media	:	Mineral oil-based hydraulic fluids.

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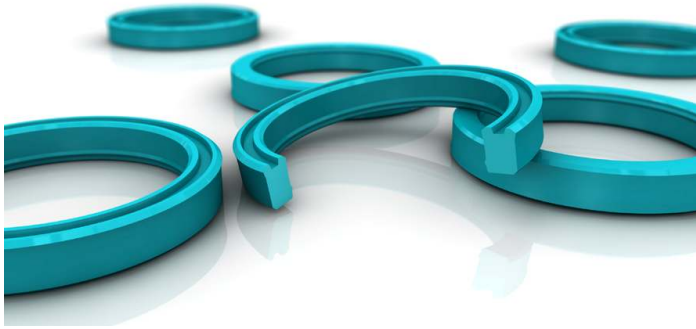
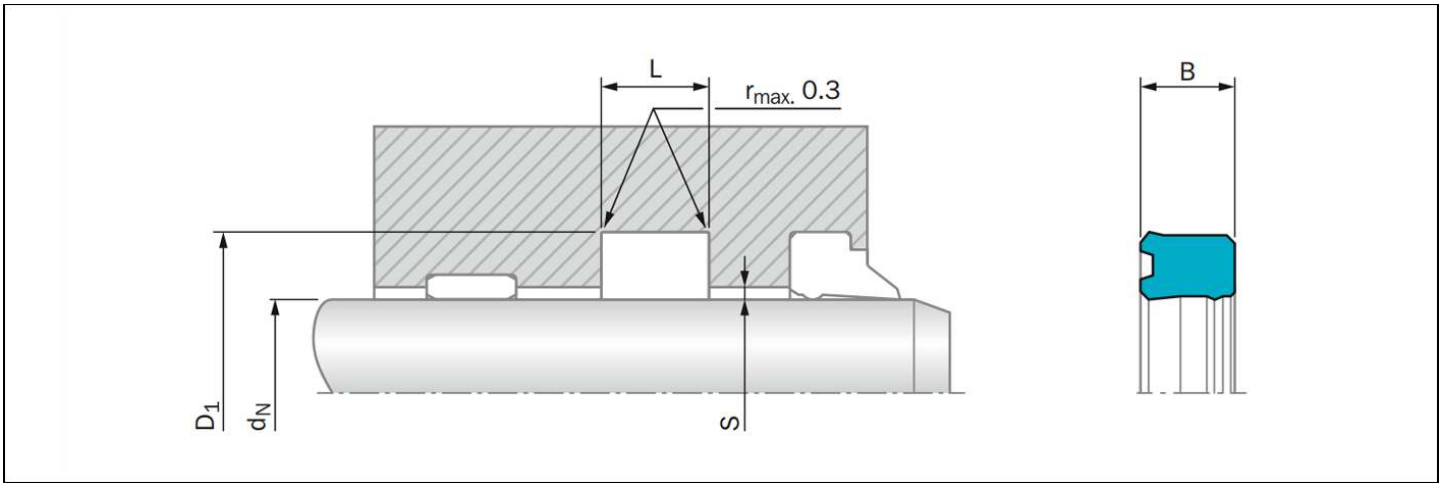


TECHNICAL INFORMATION

Rod Seals | Zurcon® U-Cup RU2



Note	Rod Diameter	Groove Diameter	Groove Width	Seal Width	Part No.
	d_N f8/h9	D_1 H10	L +0.2	B	
*	6.0	14.0	6.3	5.8	RU2000060
*	8.0	16.0	6.3	5.8	RU2200080
*	10.0	18.0	6.3	5.8	RU2000100
*	12.0	20.0	6.3	5.8	RU2100120
*	14.0	22.0	6.3	5.8	RU2100140
*	16.0	24.0	6.3	5.8	RU2000160
*	18.0	26.0	6.3	5.8	RU2100180
	20.0	28.0	6.3	5.8	RU2100200
*	20.0	30.0	8.0	7.0	RU2300200

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.

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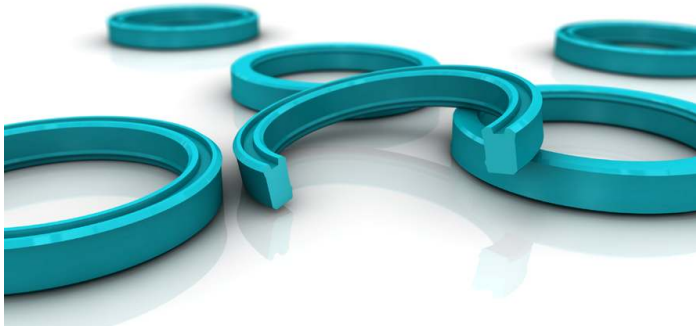

TECHNICAL INFORMATION

Rod Seals | Zurcon® U-Cup RU2

Note	Rod Diameter	Groove Diameter	Groove Width	Seal Width	Part No.
	d_N f8/h9	D_1 H10	L +0.2	B	
	22.0	**30.0**	**6.3**	**5.8**	**RU2300220**
	24.0	32.0	6.3	5.7	RU2000240
	25.0	**33.0**	**6.3**	**5.7**	**RU2000250**
*	**25.0**	**35.0**	**8.0**	**7.0**	**RU2400250**
*	25.0	35.0	9.0	8.0	RU2500250
	28.0	36.0	6.3	5.8	RU2000280
*	**28.0**	**38.0**	**6.3**	**5.8**	**RU2300280**
*	**28.0**	**38.0**	**8.0**	**7.0**	**RU2400280**
	32.0	**42.0**	**8.0**	**7.0**	**RU2100320**
	36.0	44.0	6.3	5.8	RU2000360
	36.0	**46.0**	**8.0**	**7.3**	**RU2300360**
	40.0	**50.0**	**8.0**	**7.0**	**RU2500400**
	45.0	53.0	6.3	5.8	RU2000450
	45.0	**55.0**	**6.3**	**5.7**	**RU2300450**
	45.0	**55.0**	**8.0**	**7.0**	**RU2500450**
	50.0	**60.0**	**8.0**	**7.0**	**RU2400500**
	56.0	66.0	7.5	6.5	RU2100560
	56.0	**71.0**	**12.5**	**11.5**	**RU2200560**
	63.0	**78.0**	**12.5**	**11.5**	**RU2100630**
	70.0	80.0	7.5	6.5	RU2200700
	80.0	**95.0**	**12.5**	**11.5**	**RU2100800**
	90.0	100.0	7.5	6.5	RU2000900
	90.0	**105.0**	**12.5**	**11.4**	**RU2400900**
	110.0	125.0	10.5	9.5	RU2001100
	110.0	**130.0**	**16.0**	**15.0**	**RU2101100**
	140.0	**160.0**	**16.0**	**15.0**	**RU2201400**

Dimensions printed in **bold** type correspond to ISO/DIN 5597 and ISO 5597/1. * Split groove
Additional dimensions can be delivered on request.

Important Note

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