

ZEROVAC ISO-KF SS303 CENTERING RING

Vacuum Sealing Components



DN 10 • DN 16 • DN 20 • DN 25 • DN 32 • DN 40 • DN 50

■ ISO-KF COMPATIBLE

Standard ISO-KF connection sizes from DN 10 to DN 50.

■ 303 STAINLESS STEEL

AISI 303 / EN 1.4305 stainless steel centering ring.

■ 5 ELASTOMER OPTIONS

CR, EPDM, FPM, NBR and VMQ O-ring options.

ISO-KF SS303 Centering Ring

ZEROVAC ISO-KF stainless steel 303 centering rings align ISO-KF flanges on the correct axis and provide reliable vacuum sealing with an elastomer O-ring. The components are designed for leak rates below 1×10^{-9} mbar·L/s.

Advantages

- Wide product range from DN 10 ISO-KF to DN 50 ISO-KF
- AISI 303 / EN 1.4305 stainless steel support ring
- Five different O-ring material options
- Compatible with international ISO-KF connections
- Easy and repeatable clamp assembly

Applications

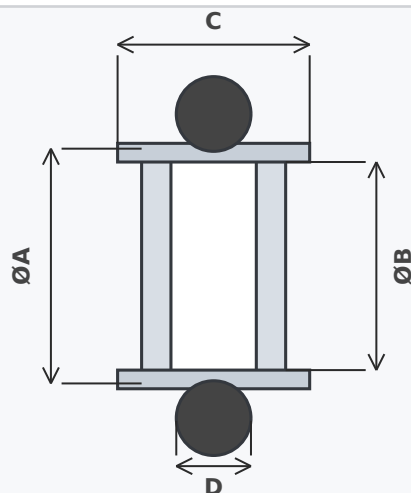
- Vacuum pumps and vacuum systems
- Laboratory and R&D vacuum lines
- Vacuum chambers and process equipment
- Coating, measurement and analysis systems
- General-purpose high-vacuum connections

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Vacuum Sealing Components



Technical Dimensions and Ordering Information



Cross-section for reference; dimensions are identified by A, B, C and D.

Product Summary

Connection standard	ISO-KF
Nominal sizes	DN 10 - DN 50
Ring material	AISI 303 / EN 1.4305
O-ring options	CR, EPDM, FPM, NBR, VMQ
Leak rate	$< 1 \times 10^{-9}$ mbar·L/s

Dimensions and Ordering Codes

ISO-KF	Dimensions (mm)				Ordering Codes				
	A	B	C	D	CR	EPDM	FPM	NBR	VMQ
DN 10	12	10	8	3.9	211672	211686	211065	211679	211693
DN 16	17	16	8	3.9	211673	211687	211066	211680	211694
DN 20	22	20	8	3.9	211674	211688	211067	211681	211695
DN 25	26	25	8	3.9	211675	211689	211068	211682	211696
DN 32	34	32	8	3.9	211676	211690	211069	211683	211697
DN 40	41	40	8	3.9	211677	211691	211070	211684	211698
DN 50	52	50	8	3.9	211678	211692	211071	211685	211699

CR: Neoprene | FPM: Viton | VMQ: Silicone

Dimensions A, B, C and D are shown in the cross-section diagram above.

Installation Note: Use the centering ring for the correct DN size with suitable ISO-KF flanges, an O-ring and a clamp.



FOR MORE INFORMATION

Contact our sales team for technical support, product selection and a tailored quotation.

 info@zerovakum.com.tr |  +90 212 656 29 08 |  www.zerovakum.com.tr