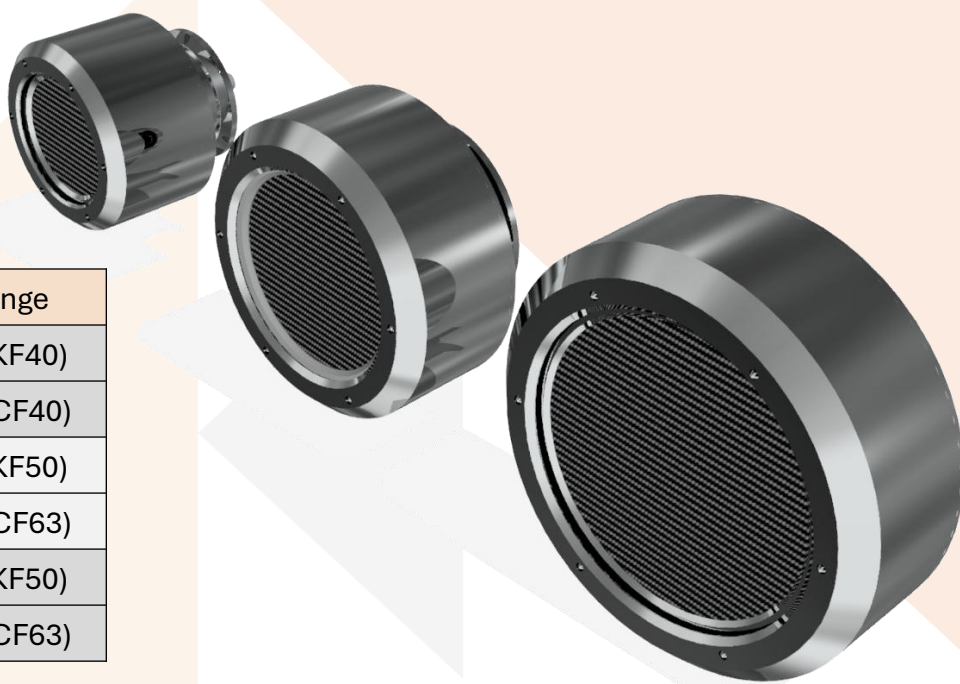


Round Magnetron Cathodes

Round magnetron cathodes for sputtering PVD machine

- Electrical power: DC, Pulsed DC and RF
- Electrical connection: Type N
- Operating temperature: 150°C max
- Leak rate (static): 1.10-9 mbar/l.s
- Materials present: SS316, Magnetic steel, Copper, PEEK, FKM and magnets.
- Maximum pressure differential: 1 bar
- Special mounting on demand *
- Static pressure of the cooling water: 2-3 nominal (6 bar max)
- Adjustable number of magnet for adjusting the magnetic field
- Easy to disassemble and clean

SIZE	2		3		4	
Features	KF	CF	KF	CF	KF	CF
Target diameter	Ø50,8 (2")		Ø76,2 (3")		Ø100 (4")	
Thickness	3 or 6 mm		3 or 6 mm		3 or 6 mm	
Flange	KF40	CF40	KF50	CF63	KF50	CF63
Electrical power max	500W		1000W		2000W	
Cooling tube diameter	Ø6 / Ø4		Ø8 / Ø6		Ø8 / Ø6	
Cooling water flow min	1 l/min		2 l/min		4l/min	
Weight (Kg)	1,25	1,5	2,6	3,4	4,3	5,2



Serie	Size	Flange
P160	2	KF (KF40)
		CF (CF40)
	3	KF (KF50)
		CF (CF63)
	4	KF (KF50)
		CF (CF63)

➤ Example of reference: P1602-KF

SOCRATE Industrie

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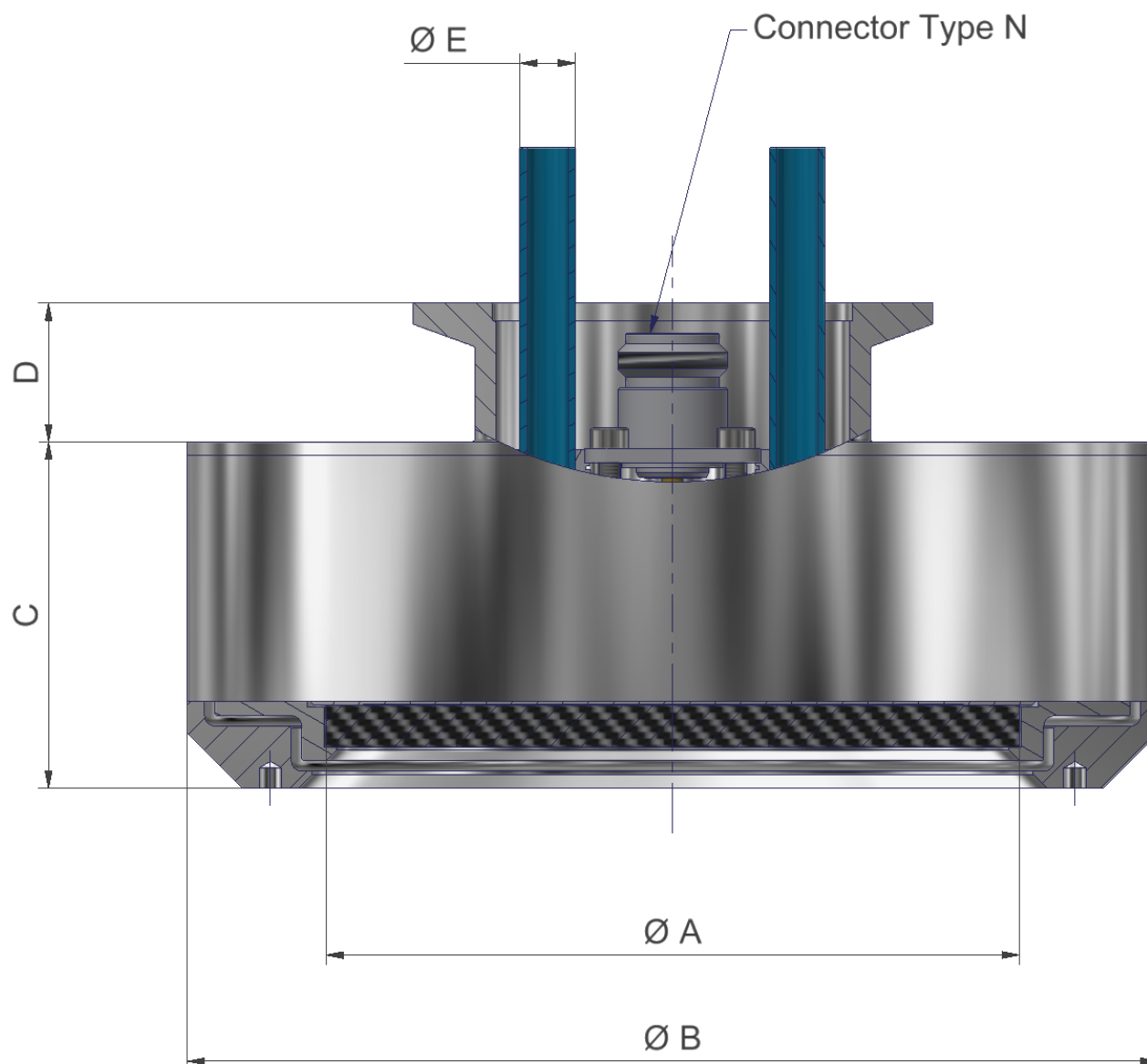
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Round Magnetron Cathodes

Dimensions



Size	$\varnothing A$	$\varnothing B$	C	D	$\varnothing E$
2	$\varnothing 50.8$	$\varnothing 78$	48	20	$\varnothing 6$
3	$\varnothing 76.2$	$\varnothing 110$	49	20	$\varnothing 8$
4	$\varnothing 100$	$\varnothing 140$	50	20	$\varnothing 8$