

welding seam and welding geometry  
at the choice of manufacturer  
vacuum welding circulating

magnetic permeability  $\mu r \leq 1.05$

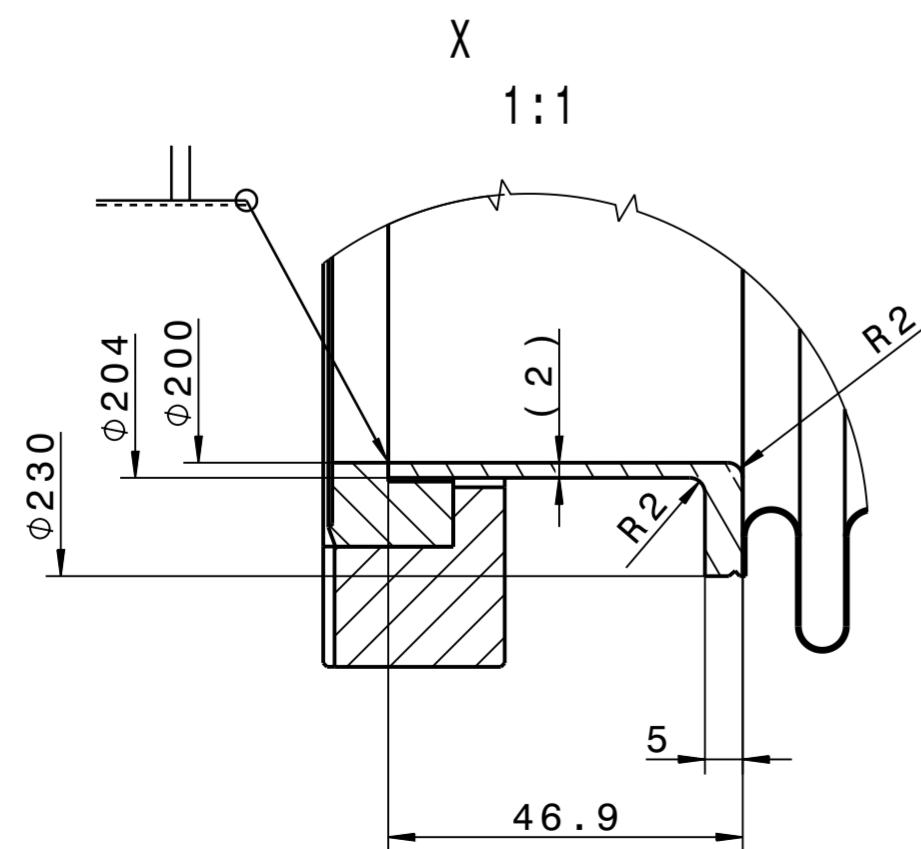
Integral leak rate  $< 1 \times 10^{-10}$  mbar l/s

Outgassing rate  $< 5 \times 10^{-10}$  mbar l/s  $\text{cm}^2$

pay attention to F-TG-QUA-de-Schweisstechnik-V004

UHV-suitable cleaning, an example can be found in the guideline  
F-TG-V6.1e and F-TG-V-6.3e

Details, also to the alternative materials can be found in  
F-DS-HEB-en-VC\_0092\_Detailed\_Specification\_Bellow-V005



Operating temperature: 20°  
Installation position: horizontal  
Axial movement per convolution +/- 1.65mm  
Inside Diameter: 212mm  
Outside Diameter: 250mm  
Vacuum: inside

<b>Welding classification</b> DIN EN ISO 5817	<b>Quality level</b> -B-
Vacuum weldings	

Edges  
ISO 13715

+0.3  
-0.1

Rz25

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Surfaces DIN EN ISO 1302:2002		-----Approved-----		
<b>GSi</b> Helmholtzzentrum für Schwerionenforschung GmbH Planckstrasse 1, 64291 Darmstadt		Dimensions without tolerance indication DIN ISO 2768-1-M DIN ISO 2768-2-K:1991 DIN EN ISO 13920-BF	Weight 8,8 kg	Scale 1:2
		Description Bellow DN200		Size A2
Drawn 16.04.2024 Oliver Zurkan	Date 16.04.2024 Torsten Eberl	Name 17.04.2024 Reinhard Lotz	Drawing No. VC-1426349-A-000	
Checked	Approved	Rev. -	Sheet 1 of 1	
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