

Producer:	KLINGER-Kempchen GmbH		
Producer-Type:	Drawing detail (profilegaskets,O-Ring, moulding)		
Producer-Mark-Code:			
Order- / Item-No.:			
Material-Briefname / Norm:	NBR 59M02 (regenerate free)		
Material-Briefname / Norm:	A-NT 00-68		
Dimensions range (O-Rings) (mm)	universal		
Dimensions range (profile rings) (mm)	universal		
Characteristics	Unit	Method / Standard for testing	Guaranteed of minimum value of the product
Density	g/cm ³	DIN 53 479	1,41 ± 0,05
Hardness	Shore A	DIN 53 505	70 ± 5
Pressure deformation rest (24 h / 72 °C)	%		
Permissible storage time (if elastomers are used)	in years	DIN 7716	5
Specification regarding resistant			
Maximum working temperature	°C		90
Maximum working temperature for ASTM-Oil No. 3	°C	---	---
Maximum working temperature for Steam / Water	°C	---	---
Chemical-Resistance	---	28090-3	---
Long-Term-Performance Limit values regarding changing of sealing and deformation properties (medium, pressure, temperature ect.)			always depending on the kind of application
Content of contaminating		Demand see KSD 2021/50 appendix D	
Water-soluble chloride	ppm	KWU-Standard	< 100
Information about calculation			
Characteristics	Type ¹⁾	Method / Standard for testing	dimensions
Methods for calculation and dimensions of housing	O-Rings	DIN 3771 Part 5	---
Methods for calculation and dimensions of housing	profile	Specification of the manufacturer	dimensions for flanges ²⁾

1) Type and dimensions according to the order

2) Information about the form and dimensions of the housing shall be give in dependence of the geometry and dimensions of the respective other profile ring

Rev.

Date:

Created:

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07.11.2024

physically laboratory

