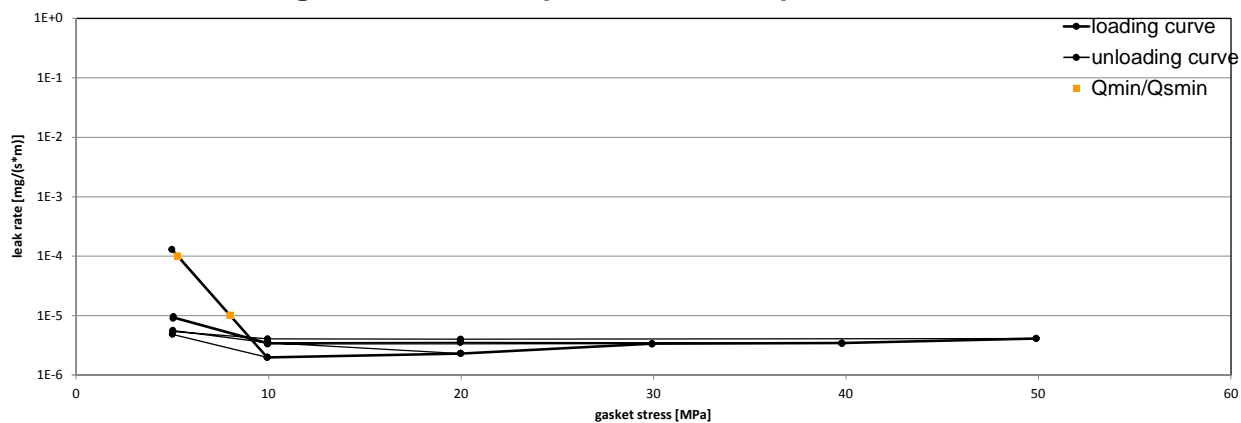


Company Address	Rich. KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KGS/EPDM
Sealing element dimensions [mm]	92 x 49 x 4

L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar					Q _{Smin/L} [MPa]				
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 50 MPa					
10 ⁰	5	5	5	5	5	5					
10 ⁻¹	5	5	5	5	5	5					
10 ⁻²	5	5	5	5	5	5					
10 ⁻³	5	5	5	5	5	5					
10 ⁻⁴	5	5	5	5	5	5					
10 ⁻⁵	8	5	5	5	5	5					
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 40 bar



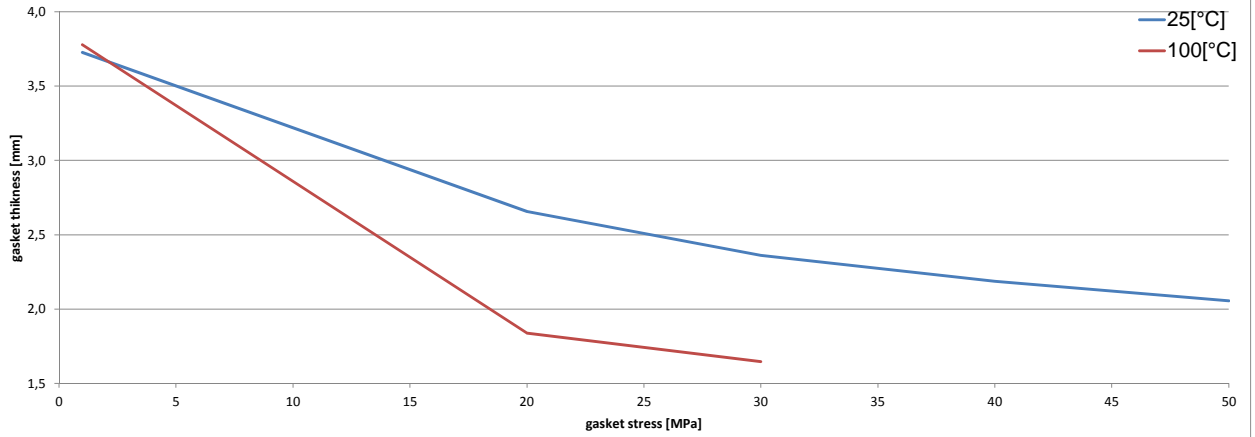
Company Address	Rich. KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KGS/EPDM
Sealing element dimensions [mm]	92 x 49 x 4

Gasket stress [MPa]	temperature 1 [25 °C]	temperature 2 [100 °C]			
Stress level 1 [15 MPa]	0,71	0,41			
Stress level 2 [30 MPa]	0,76				
PQR at Q _{Smax}	0,77 at 50 MPa	0,29 at 30 MPa			

Q _{Smax} [MPa] - temperature 1 [25 °C]	Q _{Smax} [MPa] - temperature 2 [100 °C]				
50	30				

Gasket stress [MPa]	temperature 1 [25 °C]		temperature 2 [100 °C]					
	E _G [MPa]	e _G [mm]	E _G [MPa]	e _G [mm]				
0		4,00		4,00				
1		3,73		3,78				
20	311	2,66	383	1,84				
30	574	2,36	727	1,65				
40	958	2,19						
50	1572	2,06						

Gasket thickness e_G



Note: the content of darkened cells was not determined respectively is unnecessary | Rev - No: 1 | Creation date of this sheet: 14.07.2014