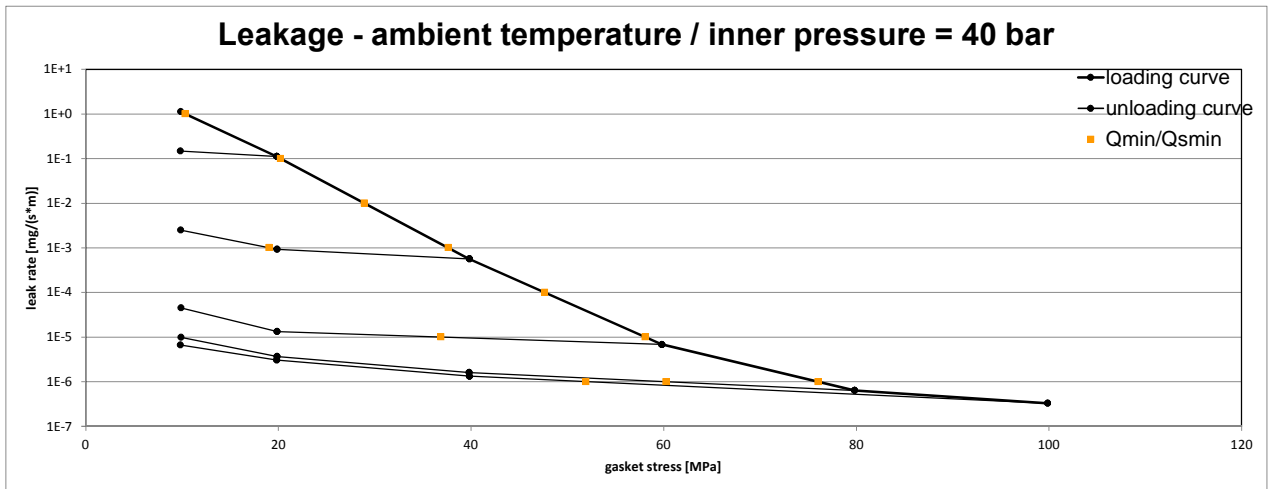


Company Address	Groupe Eynard Robin, ZAC des Clochettes - 1, Allée de la Grange, 69191 ST-FONS Cedex	According to DIN EN 13555 2014-07
Gasket Type	KLINGERSIL® C 44GW	
Sealing element dimensions [mm]	92 x 49 x 2	

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 = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa							
10 ⁰	10	10	10	10	10	10							
10 ⁻¹	20		10	10	10	10							
10 ⁻²	29		10	10	10	10							
10 ⁻³	38		19	10	10	10							
10 ⁻⁴	48			10	10	10							
10 ⁻⁵	58			37	10	10							
10 ⁻⁶	76				60	52							
10 ⁻⁷													
10 ⁻⁸													

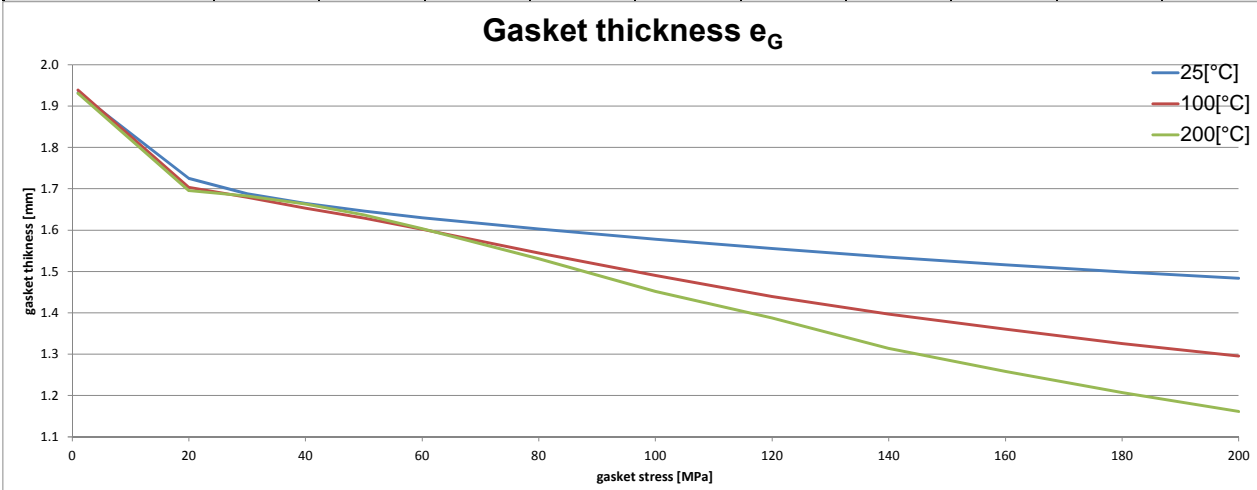


Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2015-06-10

Company Address	Gruppe Eynard Robin, ZAC des Clochettes - 1, Allée de la Grange, 69191 ST-FONS Cedex	According to DIN EN 13555 2014-07
Gasket Type	KLINGERSIL® C 44GW	
Sealing element dimensions [mm]	92 x 49 x 2	

Relaxation ratio P _{QR} for stiffness C = 500 kN/mm										
Gasket stress	temperature 1 [25 °C]		temperature 2 [100 °C]		temperature 3 [200 °C]		P _{QR}	Δe _{Gc} [mm]	P _{QR}	Δe _{Gc} [mm]
	P _{QR}	Δe _{Gc} [mm]	P _{QR}	Δe _{Gc} [mm]	P _{QR}	Δe _{Gc} [mm]				
Stress level 1 [30 MPa]	0.95	0.013	0.87	0.033	0.81	0.049				
Stress level 2 [50 MPa]	0.97	0.013	0.85	0.063	0.73	0.115				
P _{QR} and Δe _{Gc} at maximal applicable gasket stress Q _{Smax}										
P _{QR} at Q _{Smax}	0.98	0.034	0.88	0.210	0.78	0.369				
Q _{Smax}	200 MPa		200 MPa		200 MPa					

Sekant unloading modulus of the gasket E _G [MPa] and gasket thickness e _G [mm]										
Gasket stress [MPa]	temperature 1 [25 °C]		temperature 2 [100 °C]		temperature 3 [200 °C]		E _G [MPa]	e _G [mm]	E _G [MPa]	e _G [mm]
	E _G [MPa]	e _G [mm]	E _G [MPa]	e _G [mm]	E _G [MPa]	e _G [mm]				
0		2.000		2.000		2.000				
1		1.933		1.939		1.931				
20	1021	1.725	1240	1.704	2376	1.695				
30	1975	1.688	2141	1.680	2920	1.682				
40	3489	1.664	2625	1.653	3091	1.663				
50	4129	1.646	3418	1.629	3608	1.637				
60	4936	1.630	3763	1.602	4095	1.603				
80	5170	1.603	3838	1.544	4591	1.530				
100	5459	1.578	5885	1.491	3873	1.452				
120	7891	1.556	5054	1.439	4755	1.388				
140	7711	1.535	5731	1.397	4272	1.314				
160	6329	1.516	6546	1.360	4105	1.258				
180	6774	1.499	5721	1.325	4745	1.207				
200	7992	1.484	5449	1.296	5785	1.161				



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2015-06-10