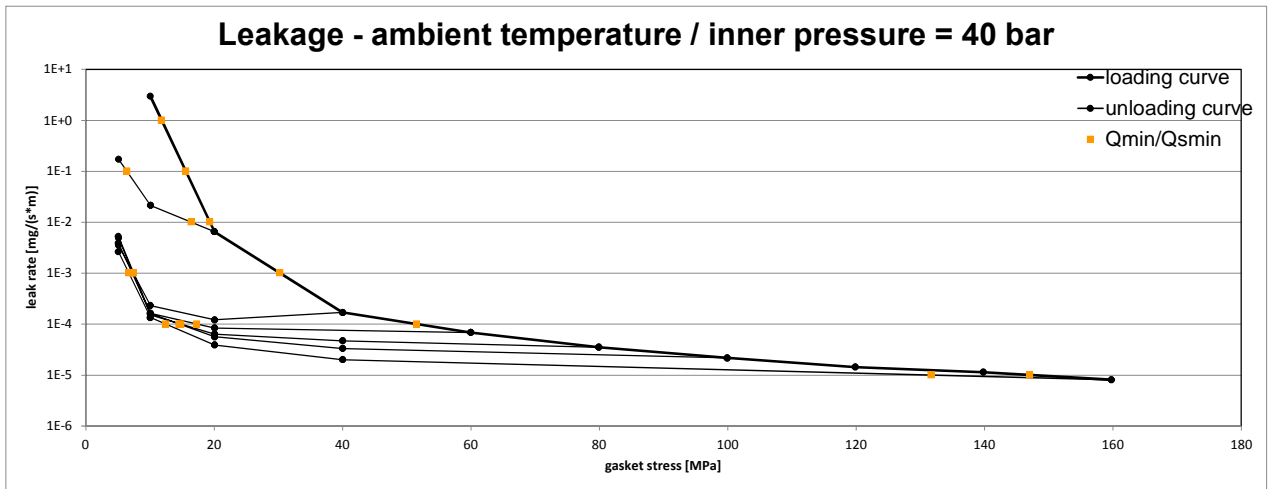


Company Address	Leader Gasket Technologies, Pšumovická ulica 1026, 014 01 Bytča, Slovak republik	According to DIN EN 13555 2014-07
Gasket Type	Clipperton 2110	
Sealing element dimensions [mm]	92 x 49 x 2	

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	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa	
10 ⁰	12	5	5	5	5	5			5	
10 ⁻¹	16	6	5	5	5	5			5	
10 ⁻²	19	16	5	5	5	5			5	
10 ⁻³	30		7	7	7	7			7	
10 ⁻⁴	52			17	15	15			12	
10 ⁻⁵	147								132	
10 ⁻⁶										
10 ⁻⁷										
10 ⁻⁸										



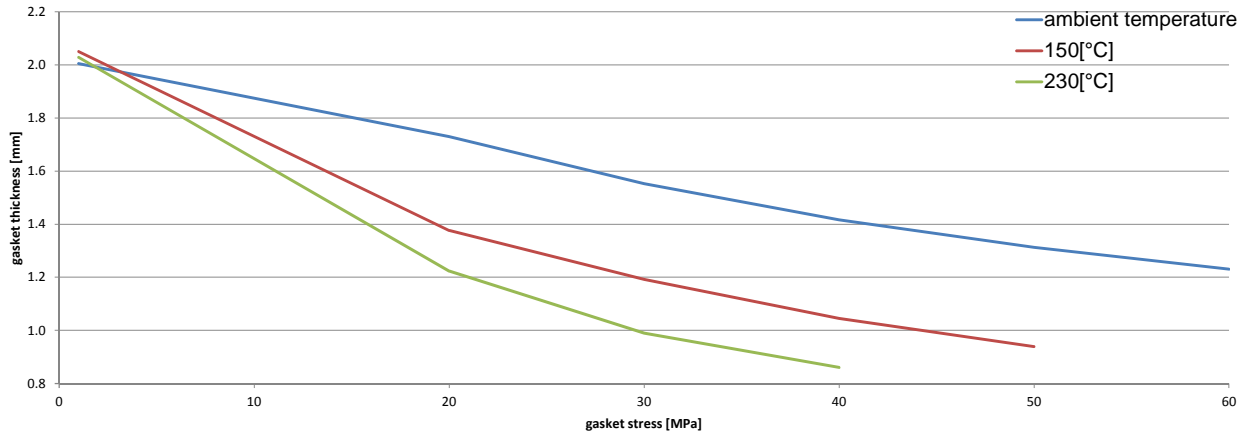
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2016-07-04

Company Address	<i>Leader Gasket Technologies, Pšumovická ulica 1026, 014 01 Bytča, Slovak republik</i>	According to DIN EN 13555 2014-07
Gasket Type	<i>Clipperton 2110</i>	
Sealing element dimensions [mm]	<i>92 x 49 x 2</i>	

Relaxation ratio P_{QR} for stiffness $C = 500$ kN/mm						
Gasket stress	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]	
	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]
Stress level 1 [10 MPa]	0.91	0.009	0.69	0.027	0.54	0.040
Stress level 2 [30 MPa]	0.90	0.025	0.56	0.111	0.39	0.156
Stress level 3 [50 MPa]	0.90	0.043	0.55	0.187		
P_{QR} and Δe_{Gc} at maximal applicable gasket stress Q_{Smax}						
P_{QR} at Q_{Smax}	0.91	0.047	0.55	0.187	0.42	0.198
Q_{Smax}	60 MPa		50 MPa		40 MPa	

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]						
Gasket stress [MPa]	ambient temperature		temperature 1 [150 °C]		temperature 2 [230 °C]	
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]
0		1.990		2.036		2.026
1		2.005		2.051		2.029
20	1528	1.730	829	1.376	835	1.224
30	1916	1.553	1480	1.192	1313	0.990
40	2222	1.416	1940	1.045	1599	0.860
50	2524	1.313	1896	0.939		
60	2865	1.231				

Gasket thickness e_G



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