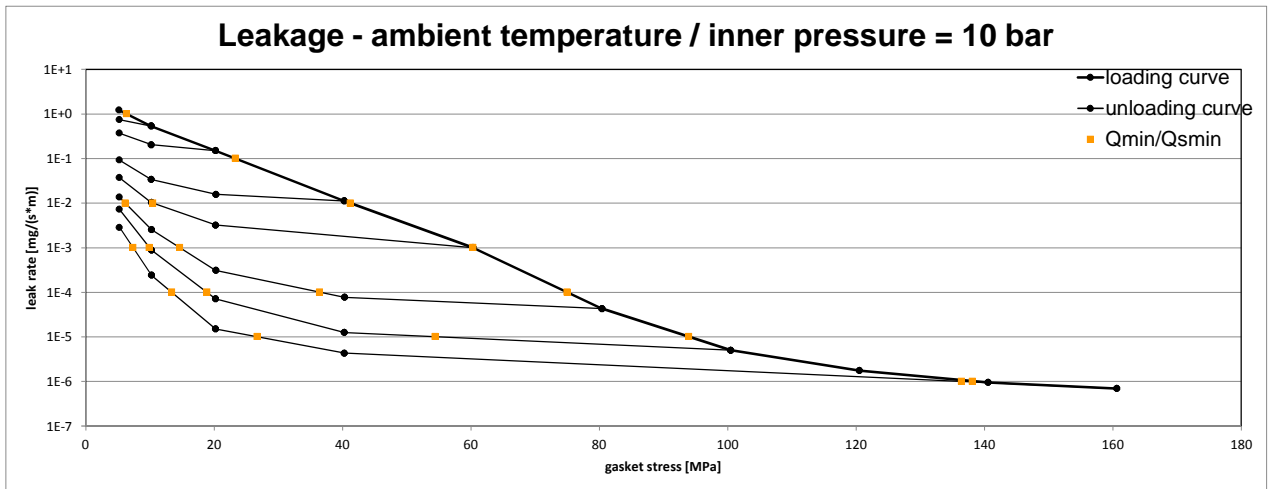
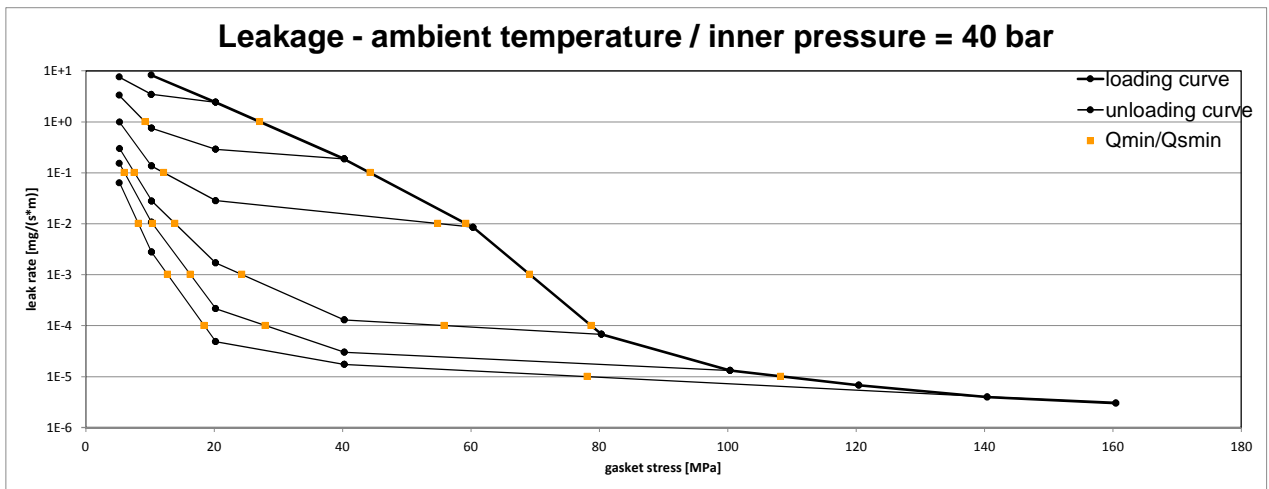


Company Address	Gambit-Lubawka Sp. z o.o., ul. Wojska Polskiego 16, 58-420 Lubawka, Poland
Gasket Type	PARO-GAMBIT
Sealing element dimensions [mm]	92 x 49 x 2

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 = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 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	6	5	5	5	5	5	5			5	
10 ⁻¹	23			5	5	5	5			5	
10 ⁻²	41				10	6	5			5	
10 ⁻³	60				60	15	10			7	
10 ⁻⁴	75					36	19			13	
10 ⁻⁵	94						54			27	
10 ⁻⁶	138									136	
10 ⁻⁷											
10 ⁻⁸											



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	27		9	5	5	5			5		
10 ⁻¹	44			12	8	6			5		
10 ⁻²	59			55	14	10			8		
10 ⁻³	69				24	16			13		
10 ⁻⁴	79				56	28			18		
10 ⁻⁵	108								78		
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 16.04.2014



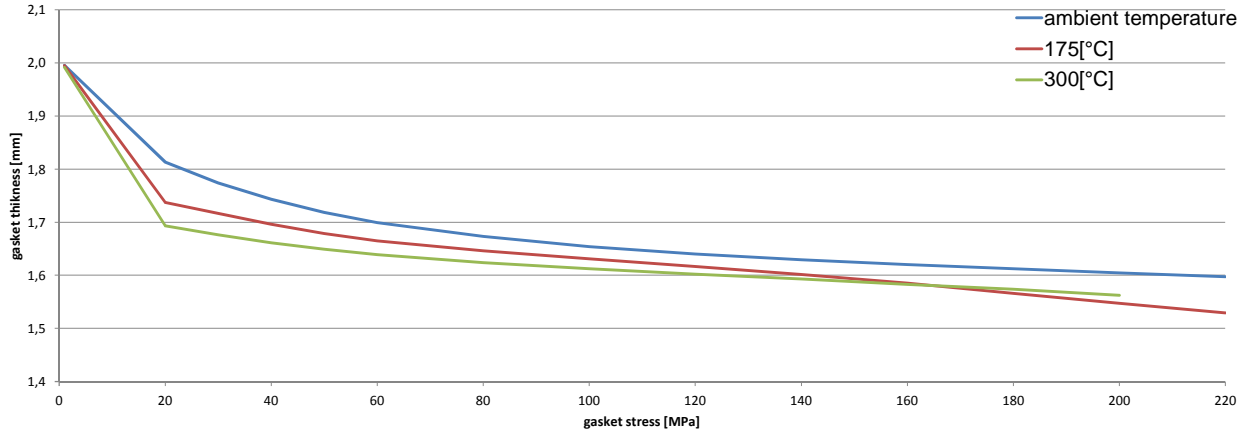
Company Address	Gambit-Lubawka Sp. z o.o., ul. Wojska Polskiego 16, 58-420 Lubawka, Poland
Gasket Type	PARO-GAMBIT
Sealing element dimensions [mm]	92 x 49 x 2

Relaxation ratio P_{QR} for stiffness $C = 500$ kN/mm					
Gasket stress [MPa]	ambient temperature	temperature 1 [175 °C]	temperature 2 [300 °C]		
Stress level 1 [30 MPa]	0,94	0,73	0,57		
Stress level 2 [50 MPa]	0,96	0,87	0,76		
PQR at Q_{Smax}	0,99 at 220 MPa	0,86 at 220 MPa	0,75 at 200 MPa		

Maximal applicable gasket stress Q_{Smax}			
Q_{Smax} [MPa] ambient temperature	Q_{Smax} [MPa] – temperature 1 [175 °C]	Q_{Smax} [MPa] – temperature 2 [300 °C]	
220	220	200	

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]						
Gasket stress [MPa]	ambient temperature		temperature 1 [175 °C]		temperature 2 [300 °C]	
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]
0		2,009		2,043		2,055
1		1,996		1,995		1,992
20	866	1,813	1239	1,737	3320	1,693
30	1322	1,774	1525	1,716	3543	1,676
40	1811	1,743	1874	1,696	4008	1,661
50	2366	1,719	2208	1,679	4638	1,649
60	2929	1,699	2588	1,665	5161	1,639
80	4093	1,673	3533	1,646	5868	1,624
100	5270	1,654	4445	1,631	6891	1,612
120	6357	1,640	5076	1,616	7430	1,602
140	7423	1,630	5352	1,601	8558	1,593
160	8030	1,620	5942	1,585	8853	1,583
180	8683	1,612	6180	1,566	9269	1,574
200	9227	1,605	6413	1,547	9644	1,562
220	9764	1,597	6605	1,529		

Gasket thickness e_G



Note: the content of darkened cells was not determined respectively is unnecessary

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