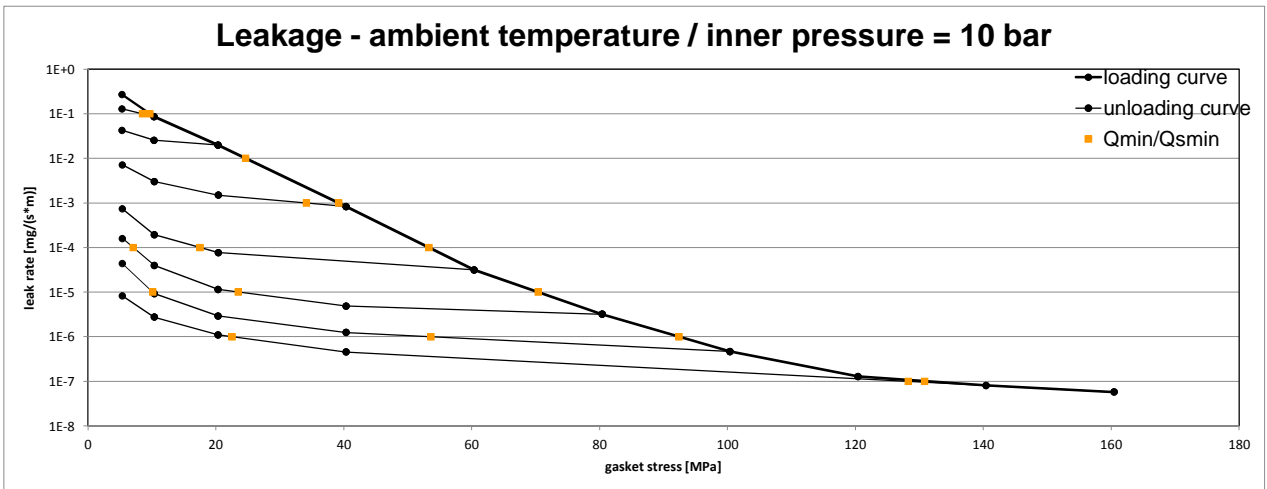
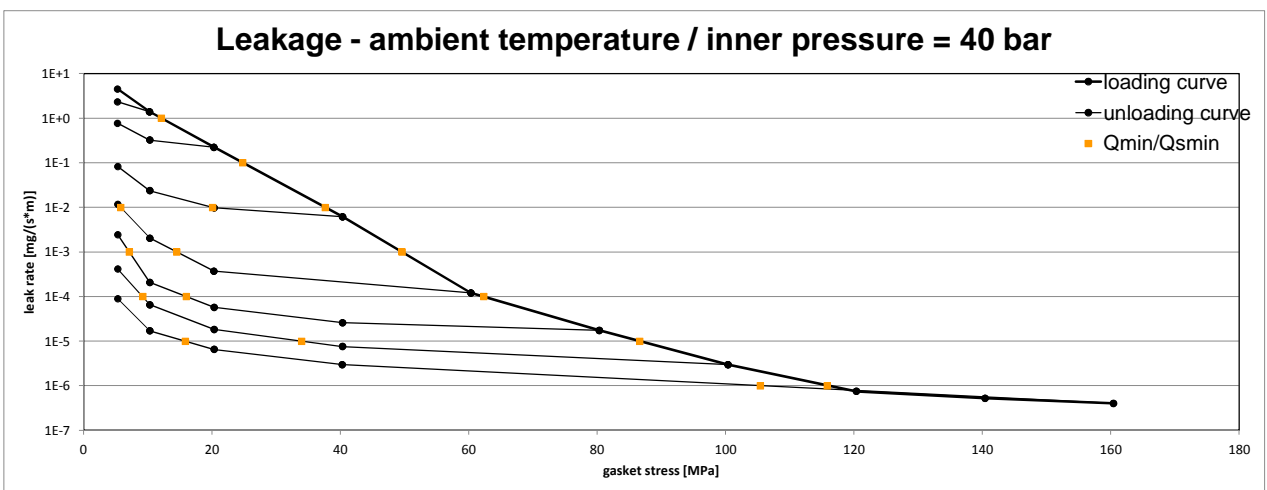


Company Address	Gambit-Lubawka Sp. z o.o., ul. Wojska Polskiego 16, 58-420 Lubawka, Poland
Gasket Type	AF-200 G
Sealing element dimensions [mm]	92 x 49 x 2

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	5	5	5	5	5	5	5			5	
10 ⁻¹	10	9	5	5	5	5	5			5	
10 ⁻²	25			5	5	5	5			5	
10 ⁻³	39			34	5	5	5			5	
10 ⁻⁴	53				18	7	5			5	
10 ⁻⁵	70					23	10			5	
10 ⁻⁶	92						54			23	
10 ⁻⁷	131									128	
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 = 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	12		5	5	5	5	5			5	
10 ⁻¹	25			5	5	5	5			5	
10 ⁻²	38			20	6	5	5			5	
10 ⁻³	50				14	7	5			5	
10 ⁻⁴	62					16	9			5	
10 ⁻⁵	87						34			16	
10 ⁻⁶	116									105	
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 06.08.2013



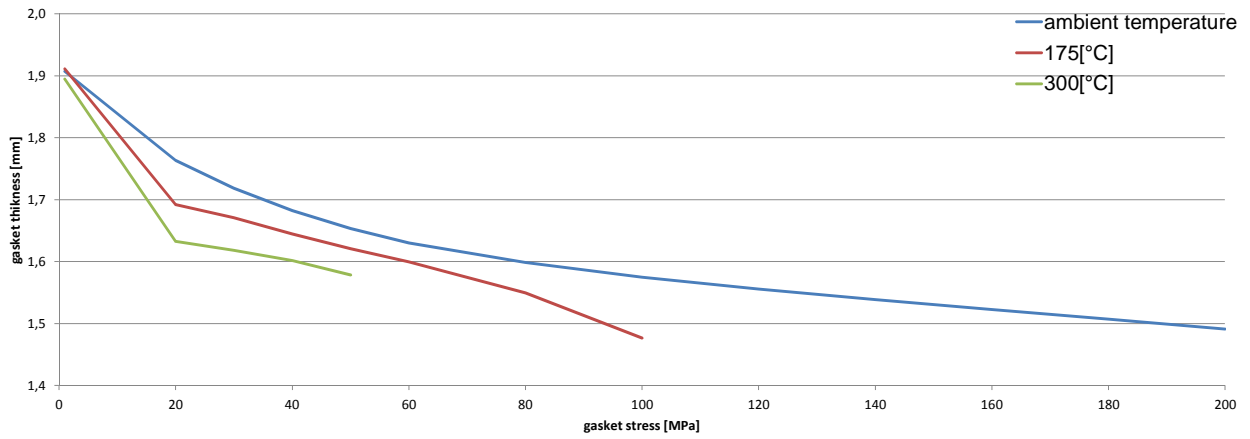
Company Address	Gambit-Lubawka Sp. z o.o., ul. Wojska Polskiego 16, 58-420 Lubawka, Poland
Gasket Type	AF-200 G
Sealing element dimensions [mm]	92 x 49 x 2

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	0,49	
Stress level 2 [50 MPa]	0,95	0,79		
PQR at Q_{Smax}	0,98 at 200 MPa	0,72 at 100 MPa	0,62 at 50 MPa	

Maximal applicable gasket stress Q_{Smax}				
Q_{Smax} [MPa]	Q_{Smax} [MPa] – temperature 1 [175 °C]	Q_{Smax} [MPa] – temperature 2 [300 °C]		
ambient temperature				
200	100	50		

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		2,012		2,027		1,993
1		1,907		1,911		1,895
20	996	1,764	1330	1,692	2975	1,633
30	1424	1,719	1617	1,671	3326	1,618
40	1923	1,682	1932	1,645	3802	1,602
50	2503	1,653	2369	1,621	4146	1,579
60	3075	1,630	2806	1,600		
80	4307	1,599	3610	1,550		
100	5324	1,575	4153	1,477		
120	6229	1,556				
140	6828	1,539				
160	7278	1,523				
180	7701	1,507				
200	8020	1,491				

Gasket thickness e_G



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