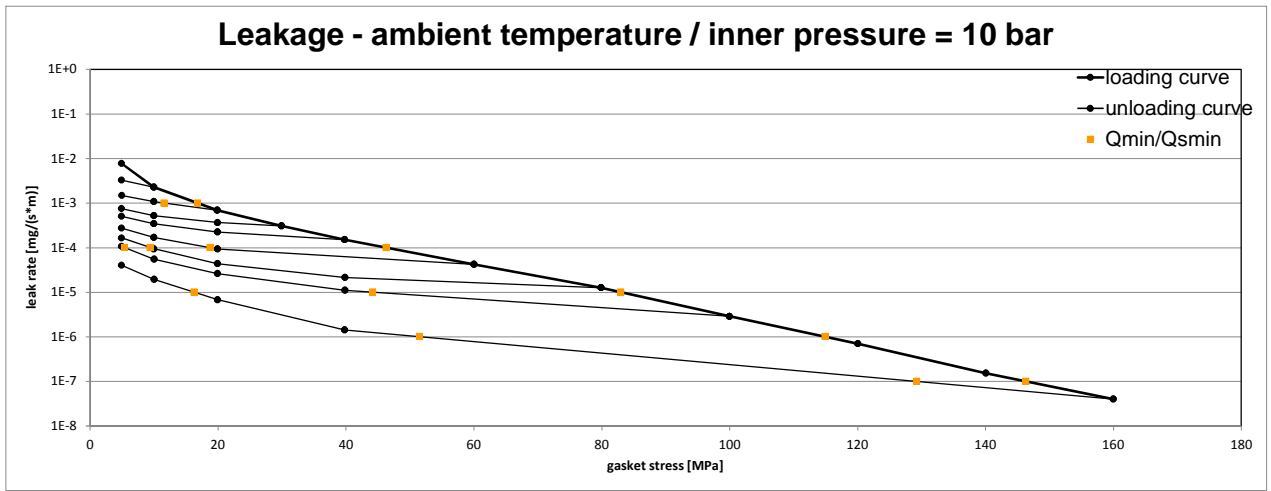
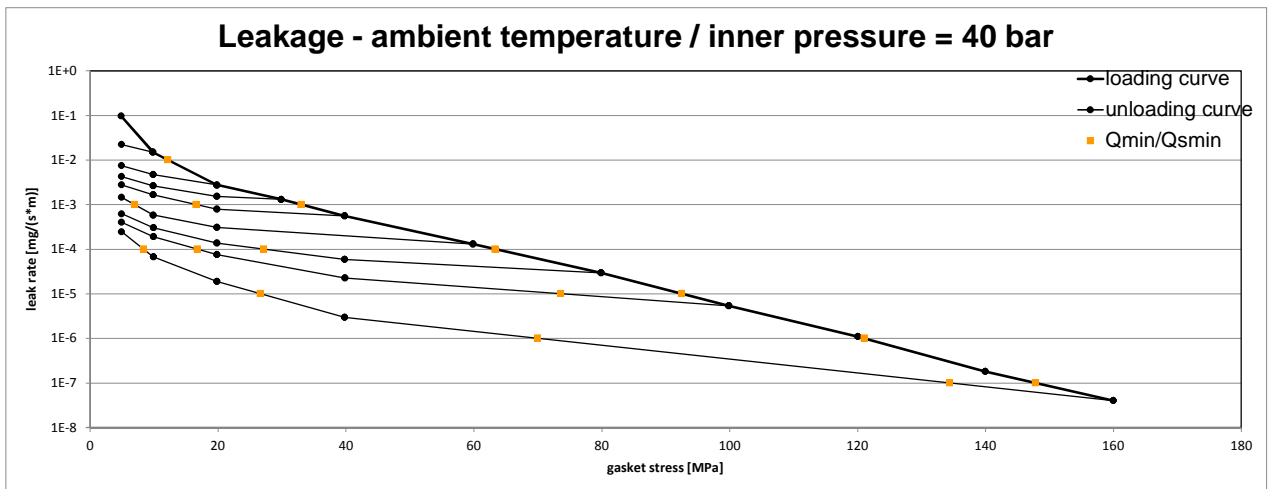


Company Address	SGL Group - The Carbon Company Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Hochdruck Pro V10011Z3I-P	
Sealing element dimensions [mm]	92 x 49 x 1	

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 = 30 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			5
10 ⁻¹	5	5	5	5	5	5	5	5			5
10 ⁻²	5	5	5	5	5	5	5	5			5
10 ⁻³	17		12	5	5						5
10 ⁻⁴	46					19	9	5			5
10 ⁻⁵	83							44			16
10 ⁻⁶	115										52
10 ⁻⁷	146										129
10 ⁻⁸											



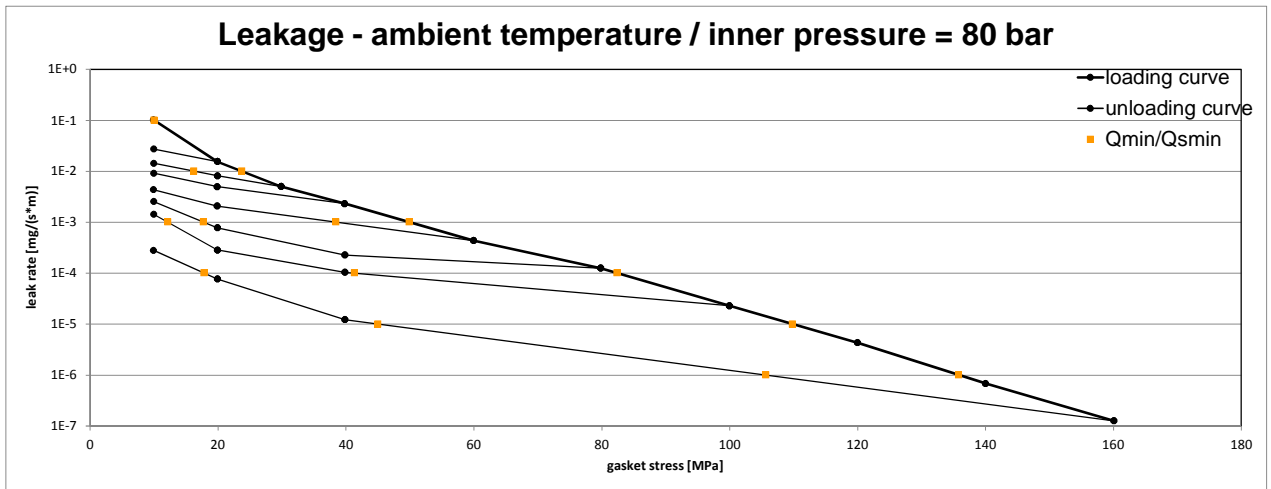
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁰	5	5	5	5	5	5	5	5			5
10 ⁻¹	5	5	5	5	5	5	5	5			5
10 ⁻²	12		5	5	5	5	5	5			5
10 ⁻³	33				17	7	5	5			5
10 ⁻⁴	63						27	17			8
10 ⁻⁵	93							74			27
10 ⁻⁶	121										70
10 ⁻⁷	148										134
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2015-03-20

Company Address	SGL Group - The Carbon Company Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Hochdruck Pro V10011Z3I-P	
Sealing element dimensions [mm]	92 x 49 x 1	

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 = 80 bar									
		Q _{Smin,L} [MPa]									
		Q _A = 20 MPa	Q _A = 30 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	10	10	10	10	10	10	10			10	
10 ⁻¹	10	10	10	10	10	10	10			10	
10 ⁻²	24		16	10	10	10	10			10	
10 ⁻³	50				38	18	12			10	
10 ⁻⁴	82						41			18	
10 ⁻⁵	110									45	
10 ⁻⁶	136									106	
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2015-03-20

