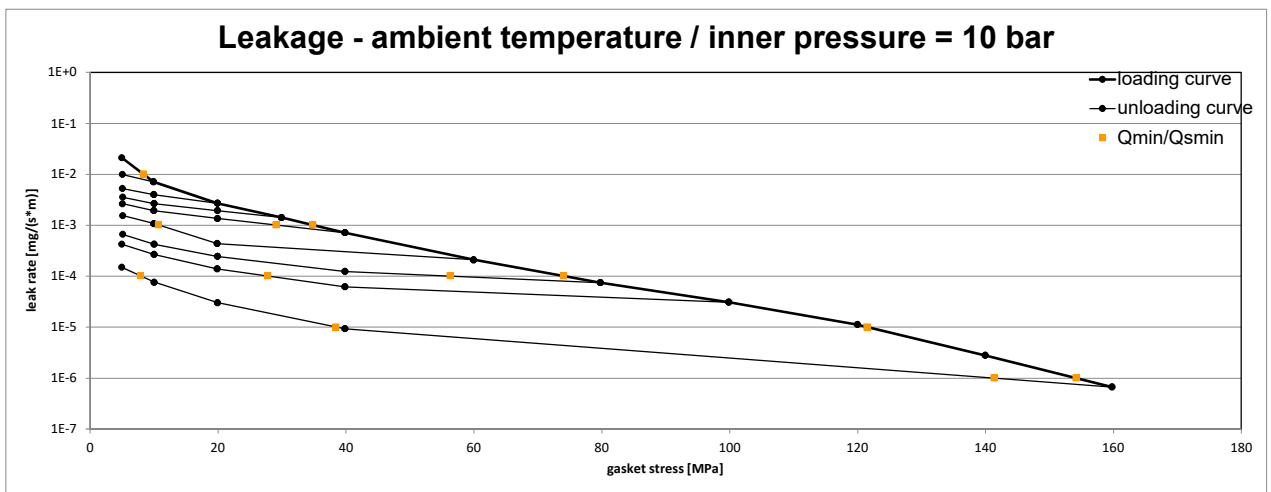
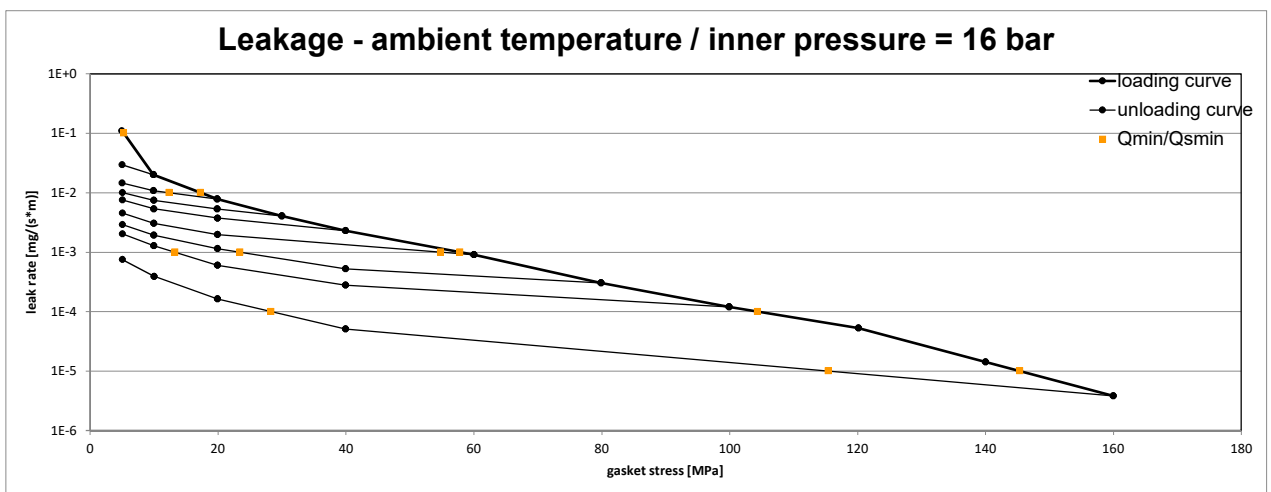


Company Address	SGL Carbon, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Hochdruck V20011Z3I	
Sealing element dimensions [mm]	92 x 49 x 2	

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 = 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	8	5	5	5	5	5	5	5			5
10 ⁻³	35				29	11					5
10 ⁻⁴	74						56	28			8
10 ⁻⁵	121										38
10 ⁻⁶	154										141
10 ⁻⁷											
10 ⁻⁸											



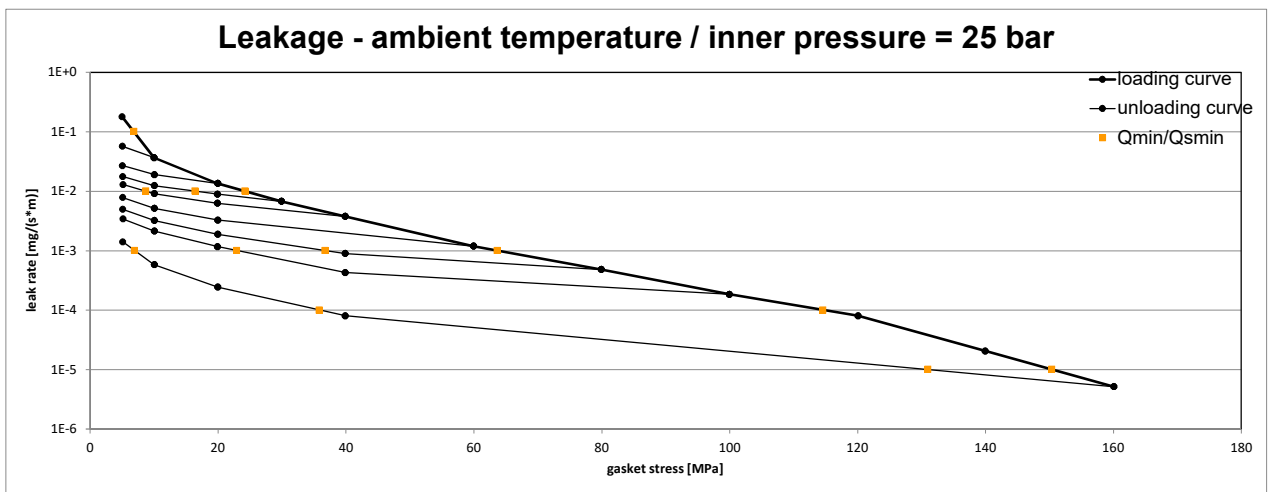
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 16 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 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	17		12	5	5	5	5	5			5
10 ⁻³	58					55	23	13			5
10 ⁻⁴	104										28
10 ⁻⁵	145										115
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



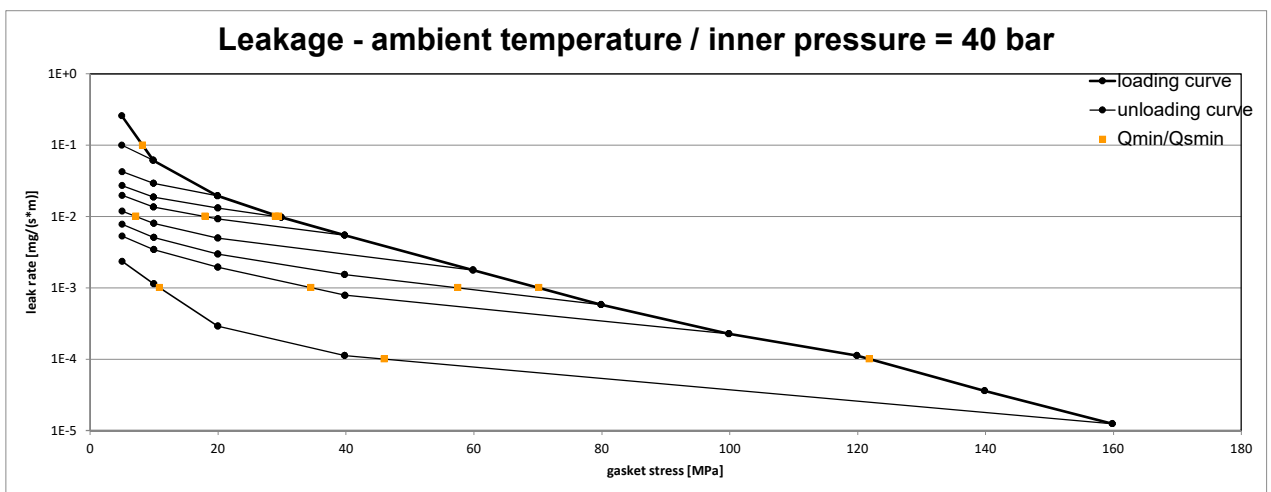
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 6 Creation date of this sheet: 2019-11-15

Company Address	SGL Carbon, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Hochdruck V20011Z3I	
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 = 25 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	7	5	5	5	5	5	5	5			5
10 ⁻²	24			16	9	5	5	5			5
10 ⁻³	64						37	23			7
10 ⁻⁴	115										36
10 ⁻⁵	150										131
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



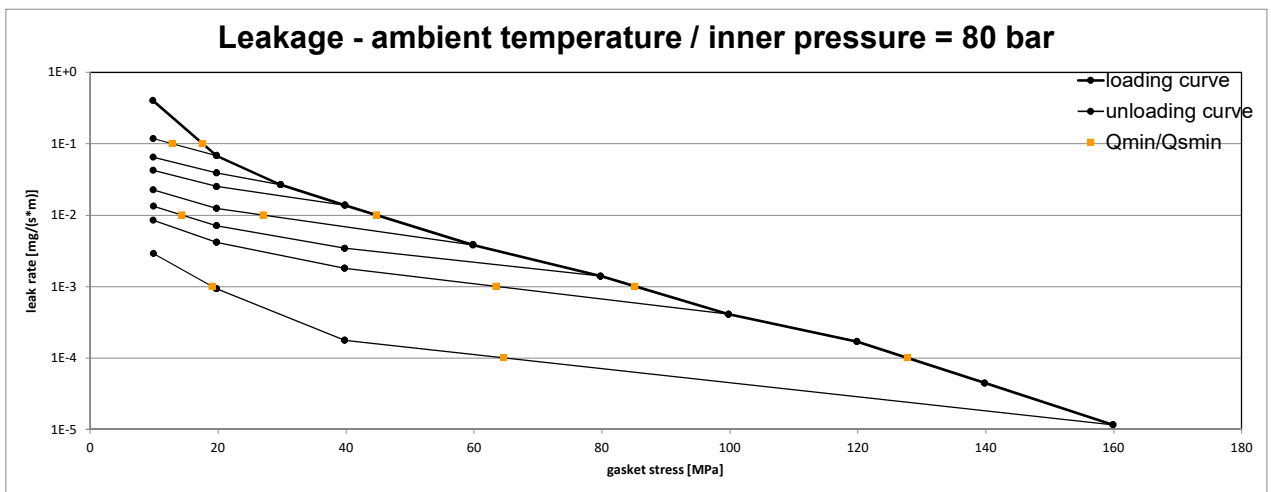
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁰	5	5	5	5	5	5	5	5			5
10 ⁻¹	8	5	5	5	5	5	5	5			5
10 ⁻²	30			29	18	7	5	5			5
10 ⁻³	70						58	35			11
10 ⁻⁴	122										46
10 ⁻⁵											
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											



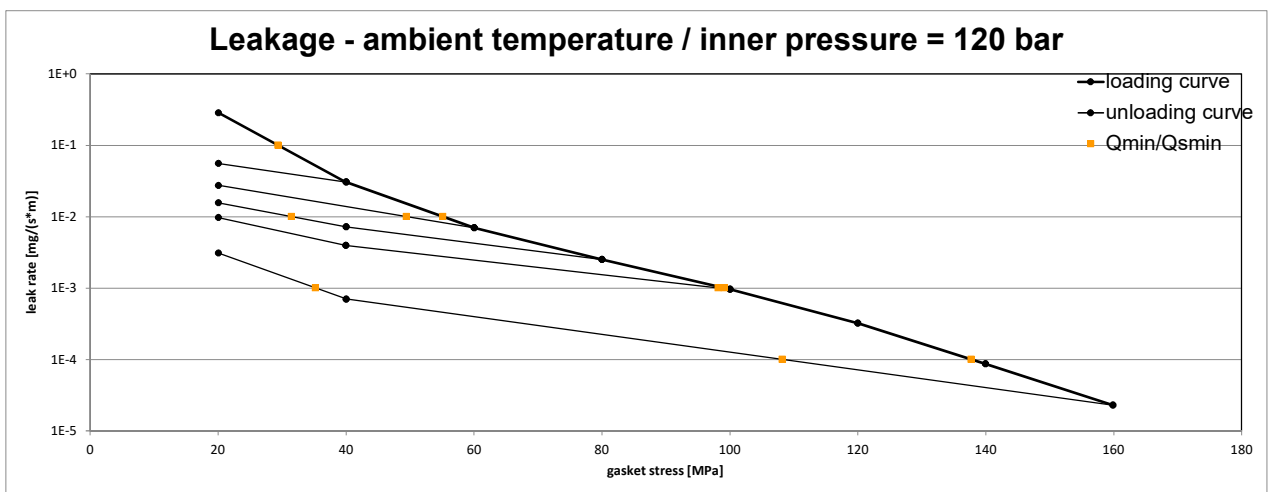
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 6 Creation date of this sheet: 2019-11-15

Company Address	SGL Carbon, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Hochdruck V20011Z3I	
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 = 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 ⁻⁹	10	10	10	10	10	10	10			10	
10 ⁻¹	18	13	10	10	10	10	10			10	
10 ⁻²	45				27	14	10			10	
10 ⁻³	85						63			19	
10 ⁻⁴	128									65	
10 ⁻⁵											
10 ⁻⁶											
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 = 120 bar							
		Q _{Smin/L} [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 ⁻⁹	20	20	20	20	20			20	
10 ⁻¹	29	20	20	20	20			20	
10 ⁻²	55		49	31	20			20	
10 ⁻³	99				98			35	
10 ⁻⁴	138							108	
10 ⁻⁵									
10 ⁻⁶									
10 ⁻⁷									
10 ⁻⁸									



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