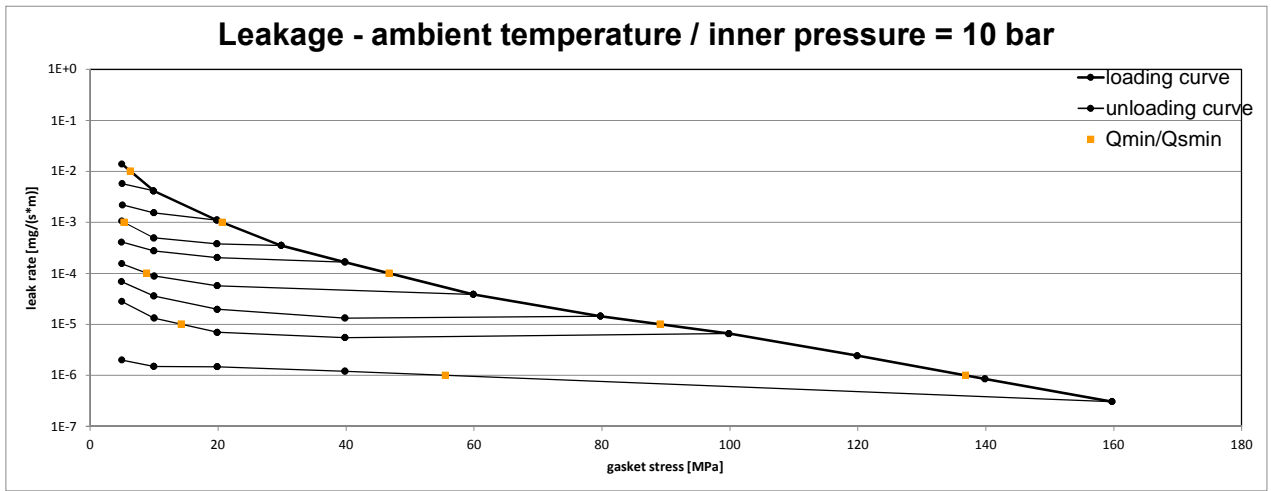
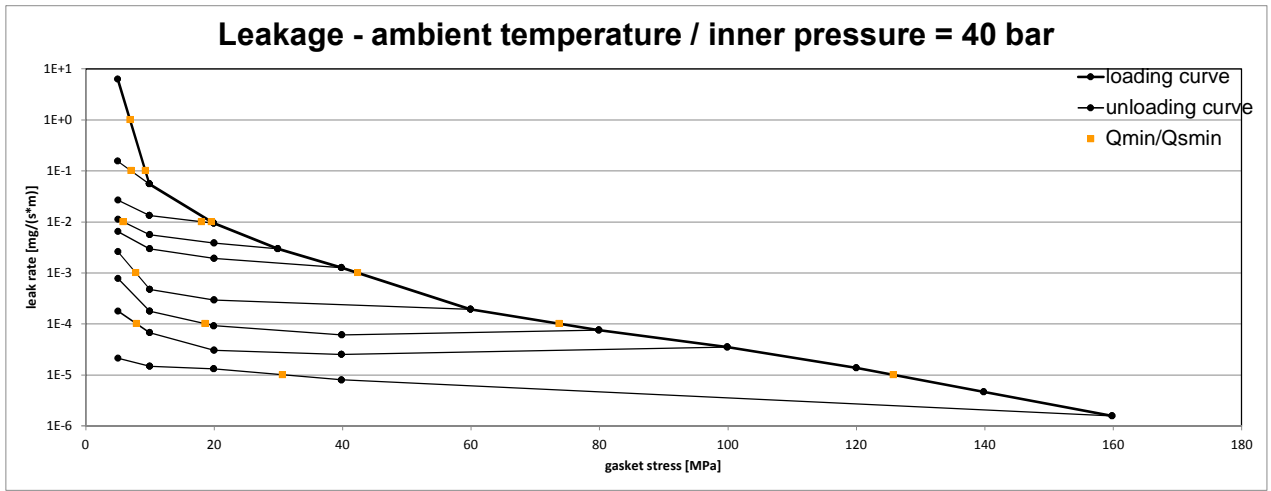


Company Address	SGL Group - The Carbon Company, Werner-von-Siemens-Str. 18, 86405 Meitingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	Sigraflex Select V16010C3I IB	
Sealing element dimensions [mm]	92 x 49 x 1.6	

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	6	5	5	5	5	5	5	5			5
10 ⁻³	21			5	5			5			5
10 ⁻⁴	47					9	5	5			5
10 ⁻⁵	89							14			5
10 ⁻⁶	137										56



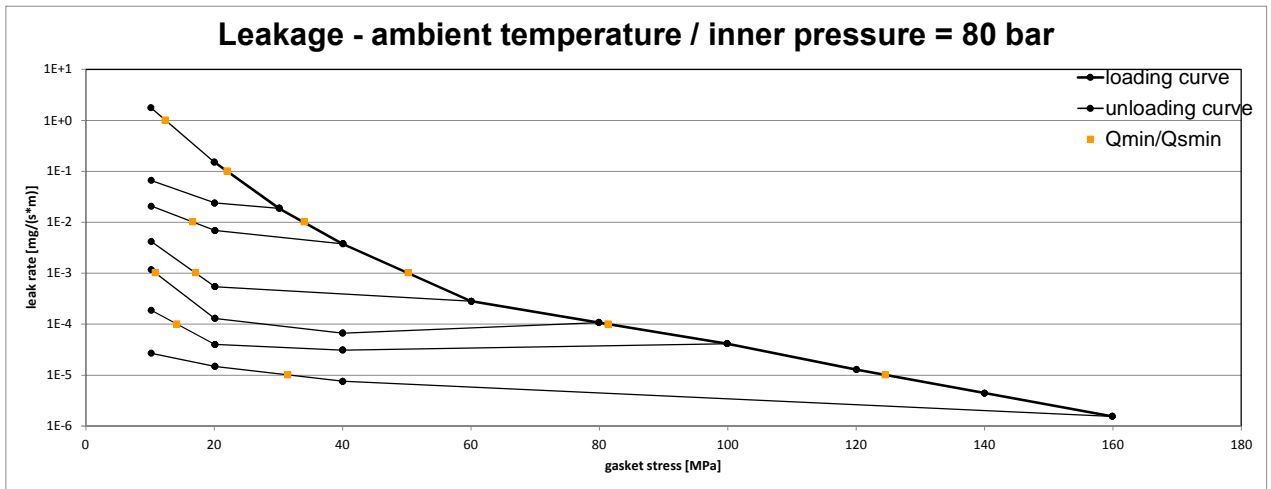
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁰	7	5	5	5	5	5	5	5			5
10 ⁻¹	9	7	5	5	5	5	5	5			5
10 ⁻²	20		18	6	5	5	5	5			5
10 ⁻³	42					8	5	5			5
10 ⁻⁴	74						19	8			5
10 ⁻⁵	126										31



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 3 Creation date of this sheet: 2016-07-18

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 Select V16010C3I IB	
Sealing element dimensions [mm]	92 x 49 x 1.6	

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 = 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	12	10	10	10	10	10			10	
10 ⁻¹	22	10	10	10	10	10			10	
10 ⁻²	34		17	10	10	10			10	
10 ⁻³	50			17	11	10			10	
10 ⁻⁴	81					14			10	
10 ⁻⁵	125								32	



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 3 Creation date of this sheet: 2016-07-18

