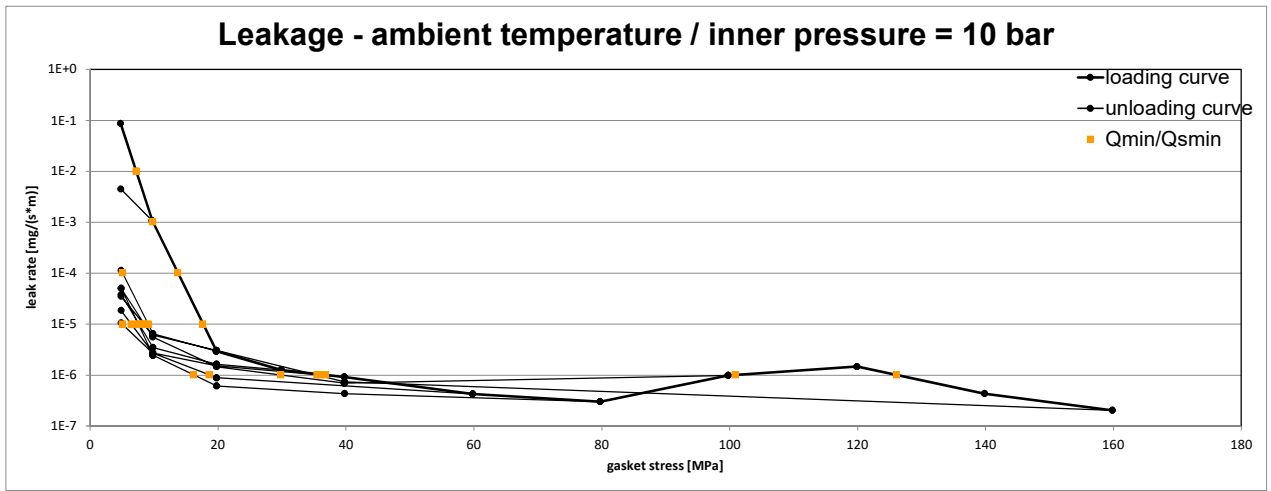
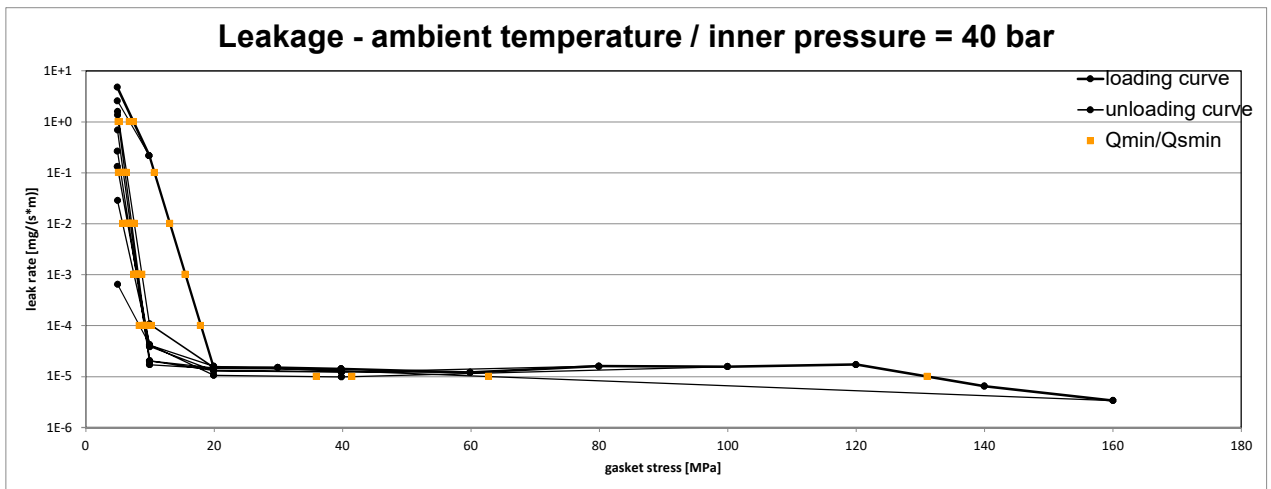


Company Address	IDT Industrie- und Dichtungstechnik GmbH Gewerberg 6, 09456 Annaberg-Buchholz	According to DIN EN 13555 2014-07
Gasket Type	IDT SIGRAFLEX MF mit Innenbördel; WS 3870 IB; IDT-Profil FD10	
Sealing element dimensions [mm]	92 x 49 x 2	

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 ⁻⁹	5	5	5	5	5	5	5	5			5
10 ⁻¹	5	5	5	5	5	5	5	5			5
10 ⁻²	7	5	5	5	5	5	5	5			5
10 ⁻³	10		5	5	5	5	5	5			5
10 ⁻⁴	14		5	5	5	5	5	5			5
10 ⁻⁵	18		9	8	6	5	8	8			8
10 ⁻⁶	37				36	19	16	30			35



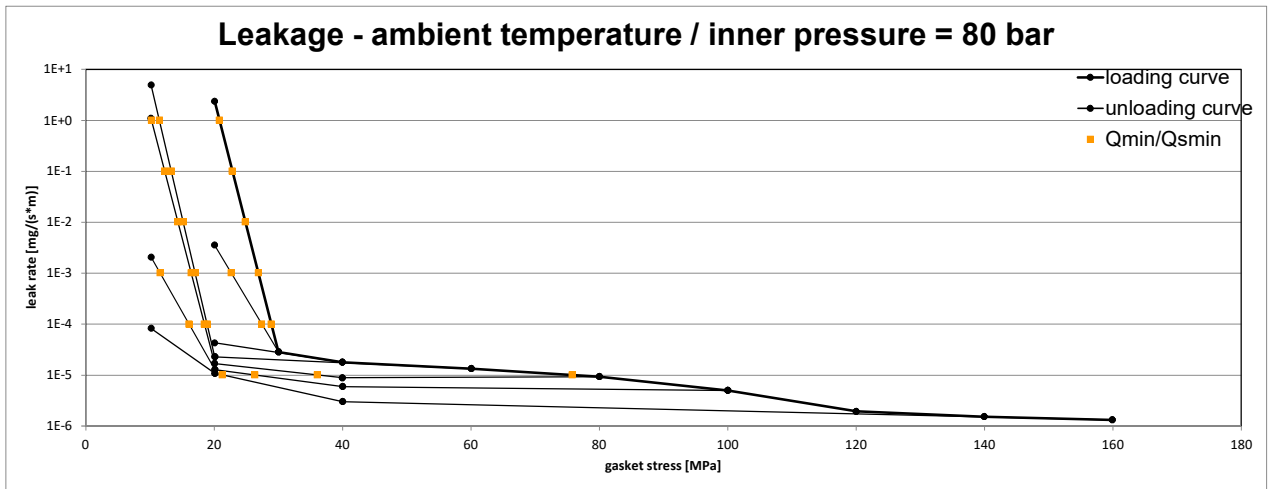
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa
10 ⁻⁹	7	7	5	5	5	5	5	5			5
10 ⁻¹	11		6	6	6	5	5	5			5
10 ⁻²	13		8	7	7	7	7	6			5
10 ⁻³	16		9	8	8	8	8	8			5
10 ⁻⁴	18		10	9	9	9	9	9			8
10 ⁻⁵	131							41			63



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2019-06-27

Company Address	IDT Industrie- und Dichtungstechnik GmbH Gewerbering 6, 09456 Annaberg-Buchholz	According to DIN EN 13555 2014-07
Gasket Type	IDT SIGRAFLEX MF mit Innenbördel; WS 3870 IB; IDT-Profil FD10	
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 = 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	21	20		11	10	10			10	
10 ⁻¹	23	20		13	12	10			10	
10 ⁻²	25	20		15	14	10			10	
10 ⁻³	27	23		17	16	12			10	
10 ⁻⁴	29	27		19	19	16			10	
10 ⁻⁵	76				36	26			21	



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2019-06-27

