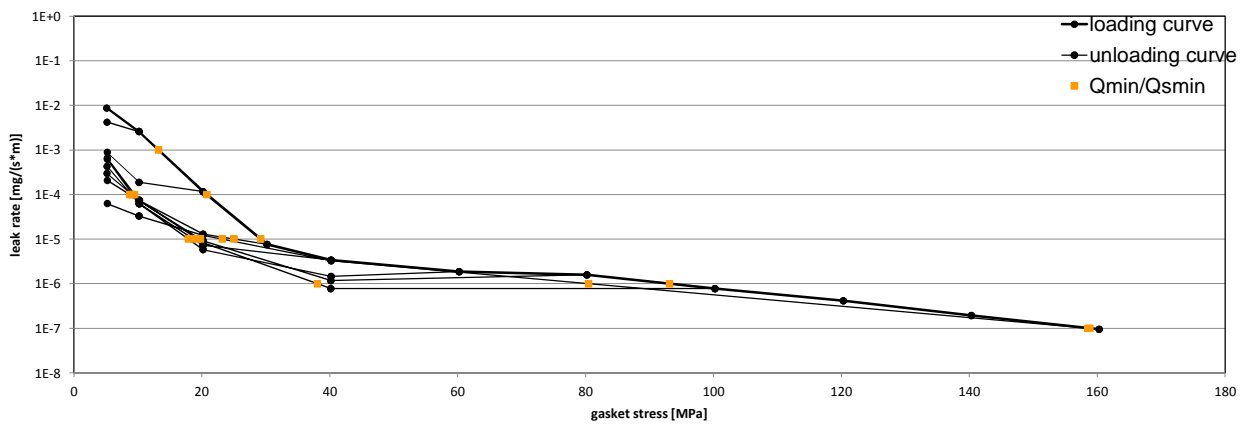


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany
Gasket Type	IDT - Corrugated gasket with graphite layers; WS 1.4571/3803; IDT style WD10; LE
Sealing element dimensions [mm]	92 x 49 x 3

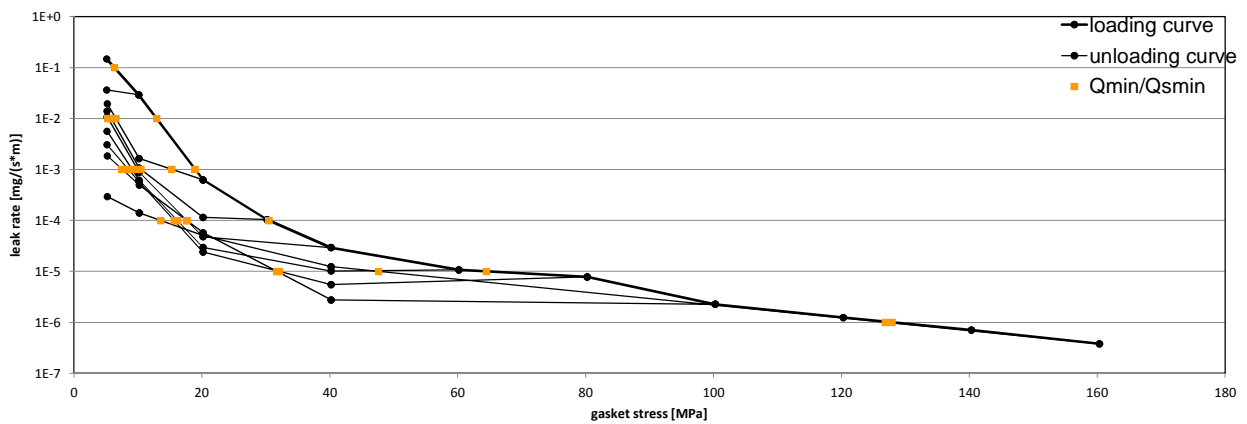
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 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	13		5	5	5	5	5	5			5
10 ⁻⁴	21			9	9	9	9	9			5
10 ⁻⁵	29			25	19	18	20	19			23
10 ⁻⁶	93							38			80
10 ⁻⁷	159										159
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 10 bar



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	6	5	5	5	5	5	5	5			5
10 ⁻²	13		7	6	5	5	5	5			5
10 ⁻³	19		15	10	10	9	9	8			5
10 ⁻⁴	30				18	16	16	18			14
10 ⁻⁵	64						32	32			48
10 ⁻⁶	128										127
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 40 bar



Note: the content of darkened cells was not determined respectively is unnecessary

Rev - No: 1

Creation date of this sheet:

18.06.2012

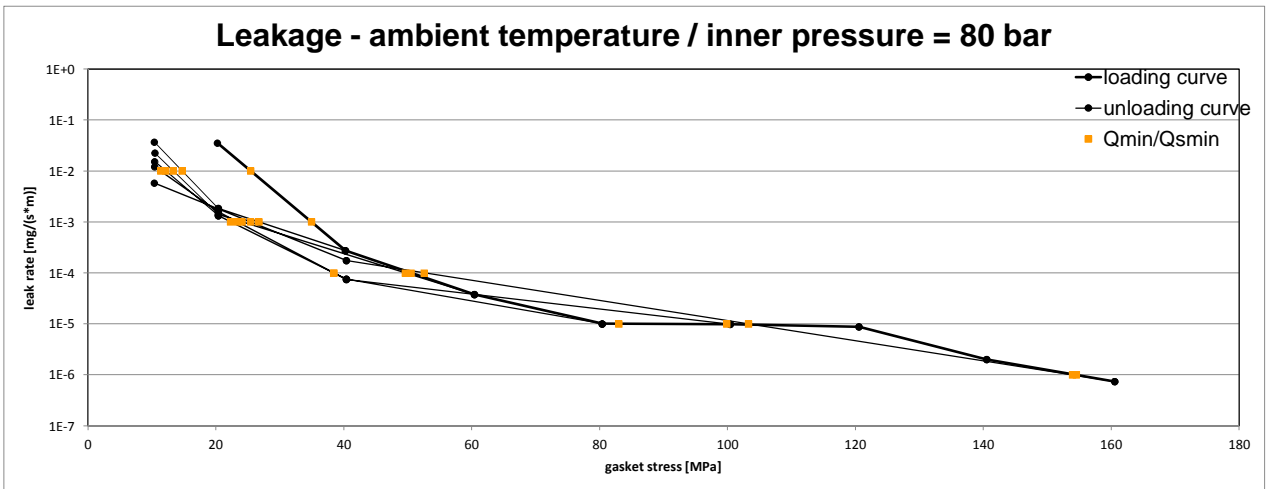
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Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany
Gasket Type	IDT - Corrugated gasket with graphite layers; WS 1.4571/3803; IDT style WD10; LE
Sealing element dimensions [mm]	92 x 49 x 3

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 = 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	10	10	10	10			10			
10 ⁻¹	20	10	10	10	10			10			
10 ⁻²	25	15	13	12	11			10			
10 ⁻³	35	27	24	22	23			25			
10 ⁻⁴	51		50	38	38			53			
10 ⁻⁵	83				100			103			
10 ⁻⁶	155							154			
10 ⁻⁷											
10 ⁻⁸											



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 18.06.2012



