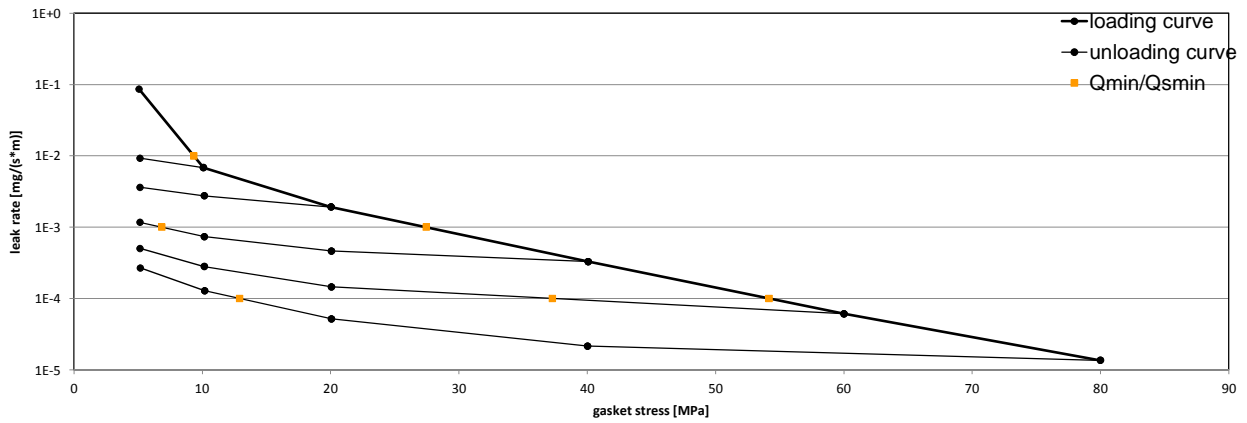


Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novaphit SSTC TA-L / novaphit SSTC TA-L with XP-Technology
Sealing element dimensions [mm]	92 x 49 x 1,6

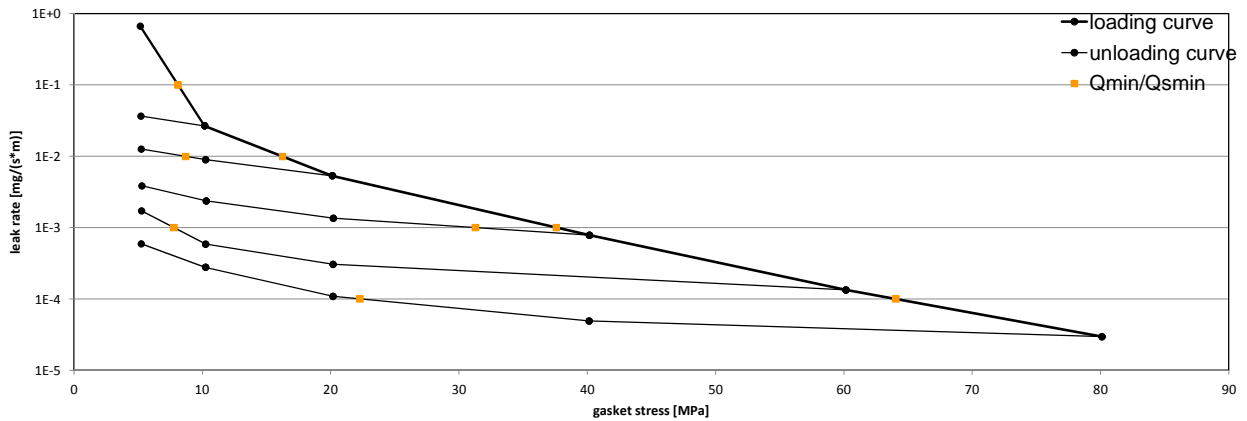
L [mg/(s*m)]	Q _{min/L} [MPa]	Q _{Smin/L} [MPa]											
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa							
10 ⁰	5	5	5	5	5	5							
10 ⁻¹	5	5	5	5	5	5							
10 ⁻²	9	5	5	5	5	5							
10 ⁻³	27			7	5	5							
10 ⁻⁴	54				37	13							
10 ⁻⁵													
10 ⁻⁶													
10 ⁻⁷													
10 ⁻⁸													

Leakage - ambient temperature / inner pressure = 10 bar



L [mg/(s*m)]	Q _{min/L} [MPa]	Q _{Smin/L} [MPa]											
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa							
10 ⁰	5	5	5	5	5	5							
10 ⁻¹	8	5	5	5	5	5							
10 ⁻²	16		9	5	5	5							
10 ⁻³	38			31	8	5							
10 ⁻⁴	64					22							
10 ⁻⁵													
10 ⁻⁶													
10 ⁻⁷													
10 ⁻⁸													

Leakage - ambient temperature / inner pressure = 25 bar



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

Rev - No: 1

Creation date of this sheet:

02.07.2013

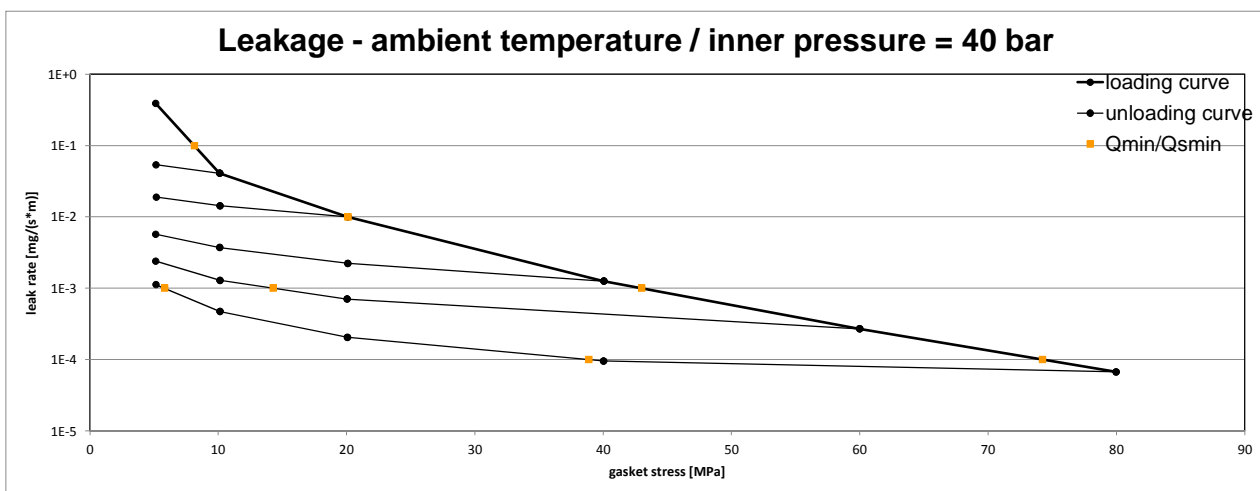
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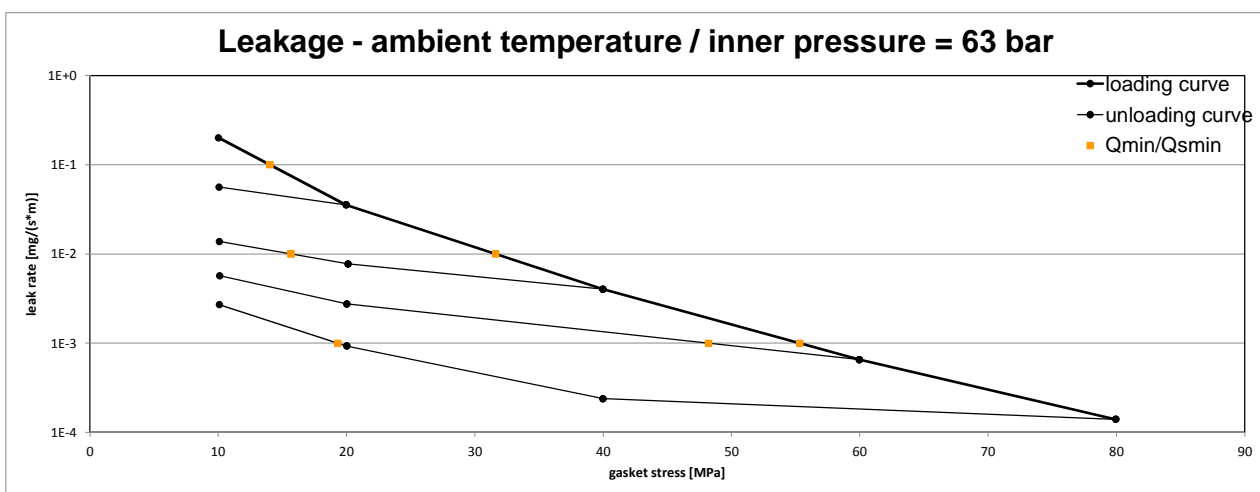
Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

Company Address	Frenzelit-Werke, Frankenhammer 7, 95460 Bad Berneck, Germany
Gasket Type	novaphit SSTC TA-L / novaphit SSTC TA-L with XP-Technology
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 = 40 bar					Q _{Smin/L} [MPa]						
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa							
10 ⁰	5	5	5	5	5	5							
10 ⁻¹	8	5	5	5	5	5							
10 ⁻²	20			5	5	5							
10 ⁻³	43				14	6							
10 ⁻⁴	74					39							
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 = 63 bar				Q _{Smin/L} [MPa]							
		Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa								
10 ⁰	10	10	10	10	10								
10 ⁻¹	14	10	10	10	10								
10 ⁻²	32		16	10	10								
10 ⁻³	55			48	19								
10 ⁻⁴													
10 ⁻⁵													
10 ⁻⁶													
10 ⁻⁷													
10 ⁻⁸													



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 02.07.2013



