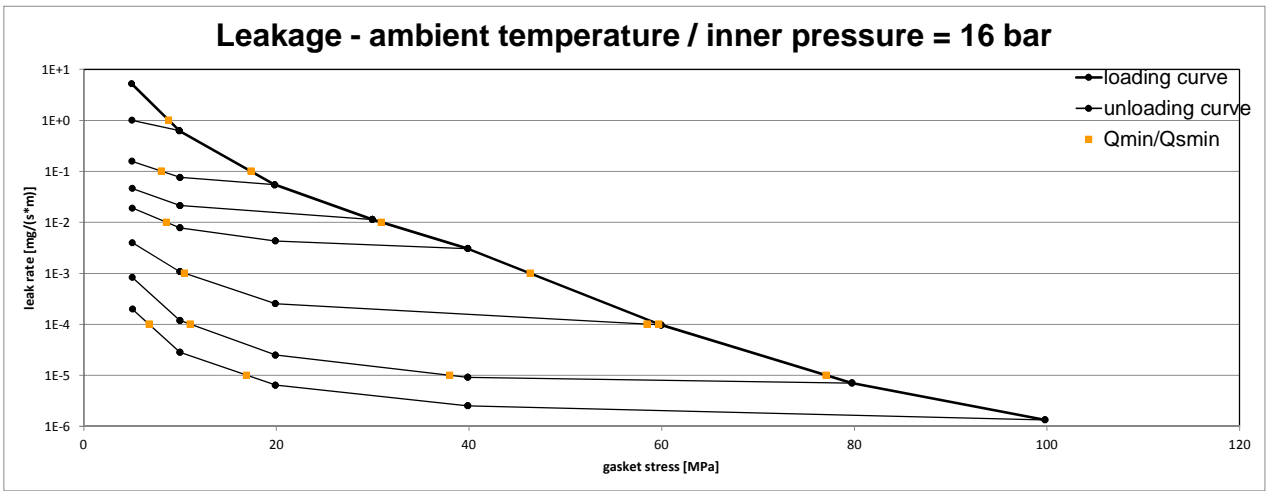
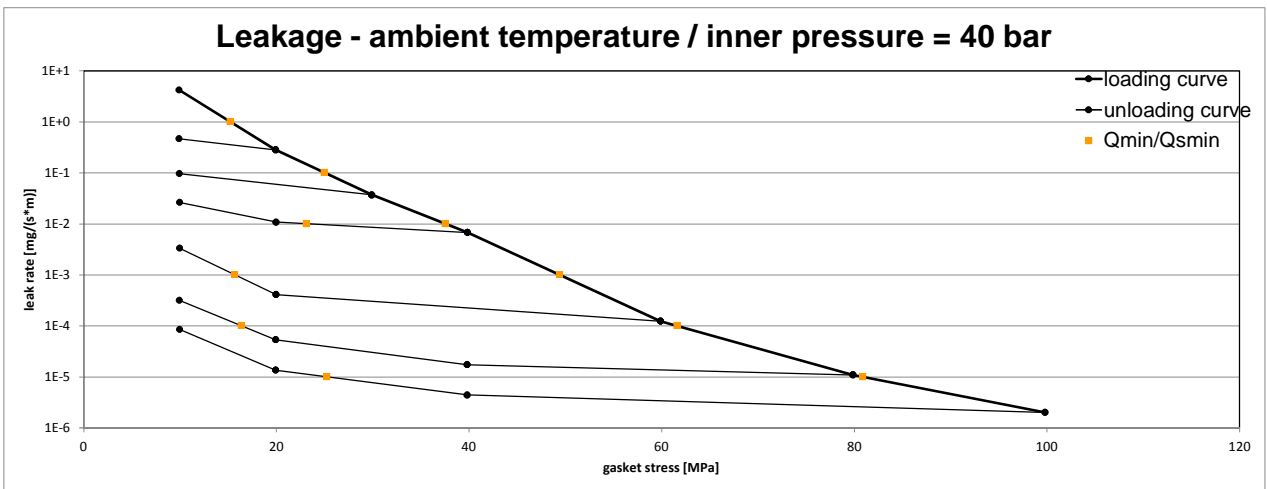


Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KLINGERSIL® C 4509
Sealing element dimensions [mm]	92 x 49 x 2

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 = 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	
10 ⁰	9	5	5	5	5	5	5	5	
10 ⁻¹	17		8	5	5	5	5	5	
10 ⁻²	31				9	5	5	5	
10 ⁻³	46					10	5	5	
10 ⁻⁴	60					58	11	7	
10 ⁻⁵	77						38	17	
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 = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	
10 ⁰	15	10	10	10	10	10	10	
10 ⁻¹	25		10	10	10	10	10	
10 ⁻²	38			23	10	10	10	
10 ⁻³	49				16	10	10	
10 ⁻⁴	62					16	10	
10 ⁻⁵	81						25	
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: 16.05.2014



