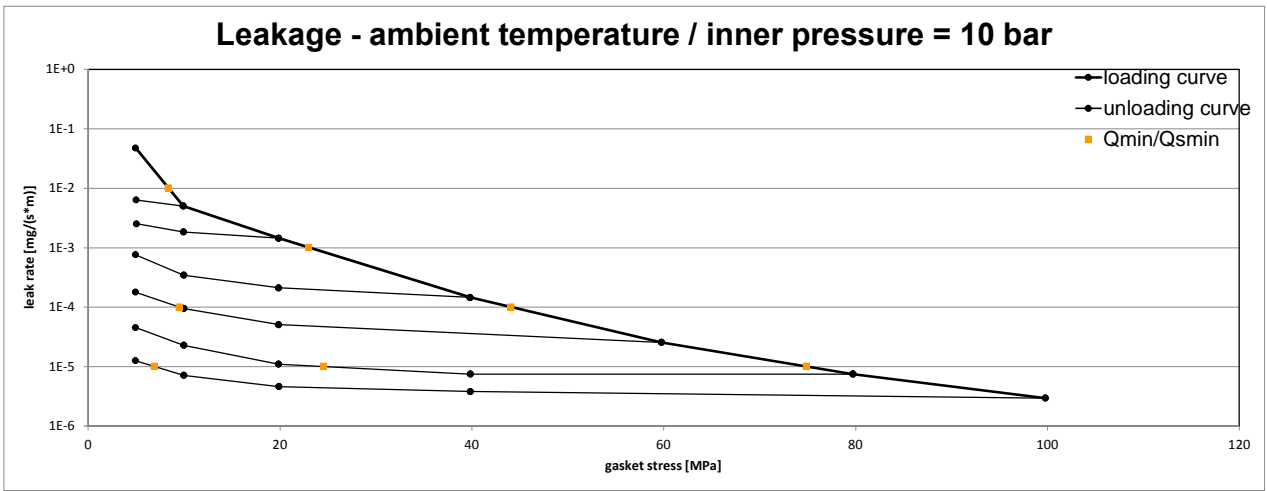
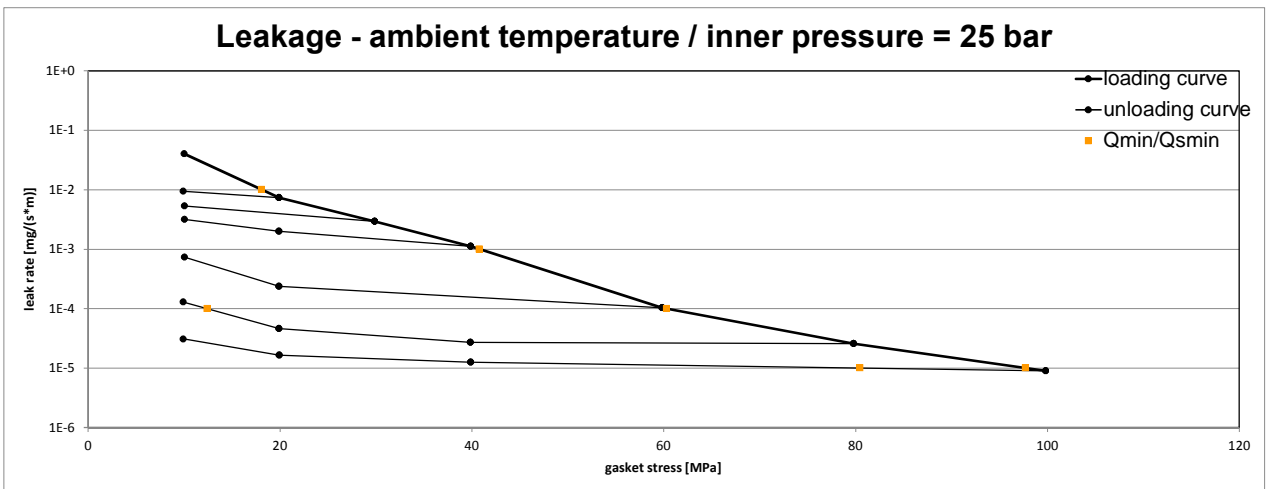


Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany	According to DIN EN 13555 2014-07
Gasket Type	KLINGER® top-chem2000	
Sealing element dimensions [mm]	92*49*2	

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 = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa				
10 ⁰	5	5	5	5	5	5	5				
10 ⁻¹	5	5	5	5	5	5	5				
10 ⁻²	8	5	5	5	5	5	5				
10 ⁻³	23			5	5	5	5				
10 ⁻⁴	44				10	5	5				
10 ⁻⁵	75					25	7				



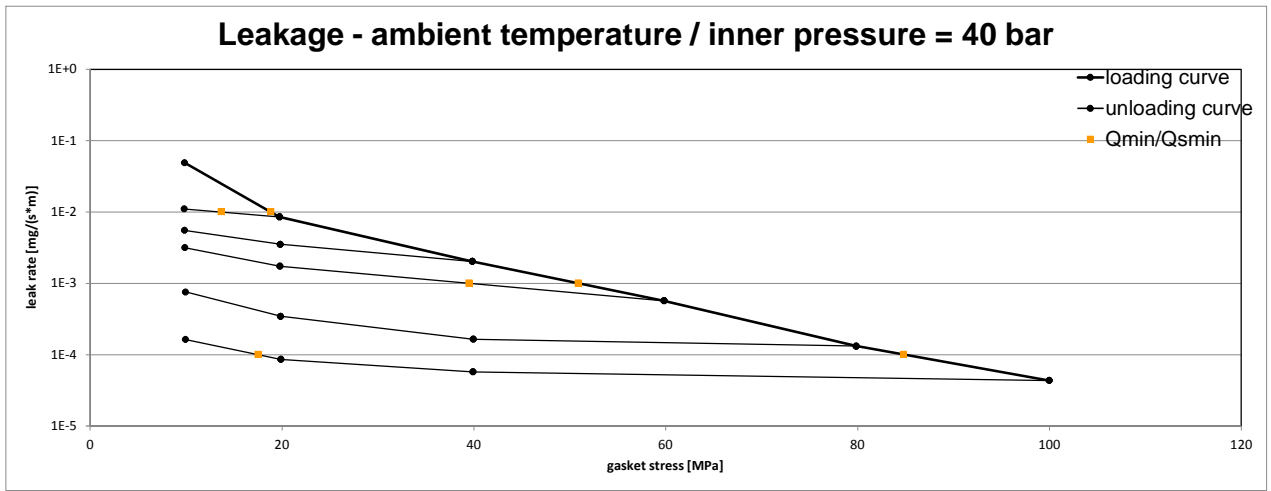
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 25 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa				
10 ⁰	10	10	10	10	10	10	10				
10 ⁻¹	10	10	10	10	10	10	10				
10 ⁻²	18	10	10	10	10	10	10				
10 ⁻³	41				10	10	10				
10 ⁻⁴	60					12	10				
10 ⁻⁵	98						80				



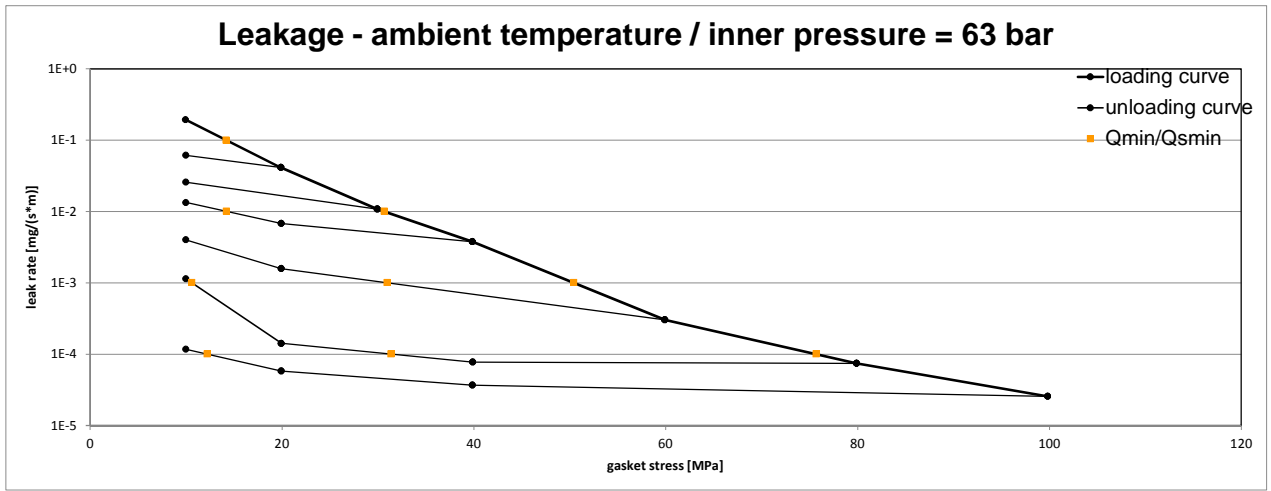
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 2016-01-14

Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany	According to DIN EN 13555 2014-07
Gasket Type	KLINGER® top-chem2000	
Sealing element dimensions [mm]	92*49*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 = 40 bar											
		Q _{Smin/L} [MPa]											
		Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa							
10 ⁰	10	10	10	10	10	10							
10 ⁻¹	10	10	10	10	10	10							
10 ⁻²	19	14	10	10	10	10							
10 ⁻³	51			40	10	10							
10 ⁻⁴	85								18				



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 = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa		
10 ⁰	10	10	10	10	10	10	10		
10 ⁻¹	14	10	10	10	10	10	10		
10 ⁻²	31			14	10	10	10		
10 ⁻³	50				31	11	10		
10 ⁻⁴	76					31	12		



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 2016-01-14

