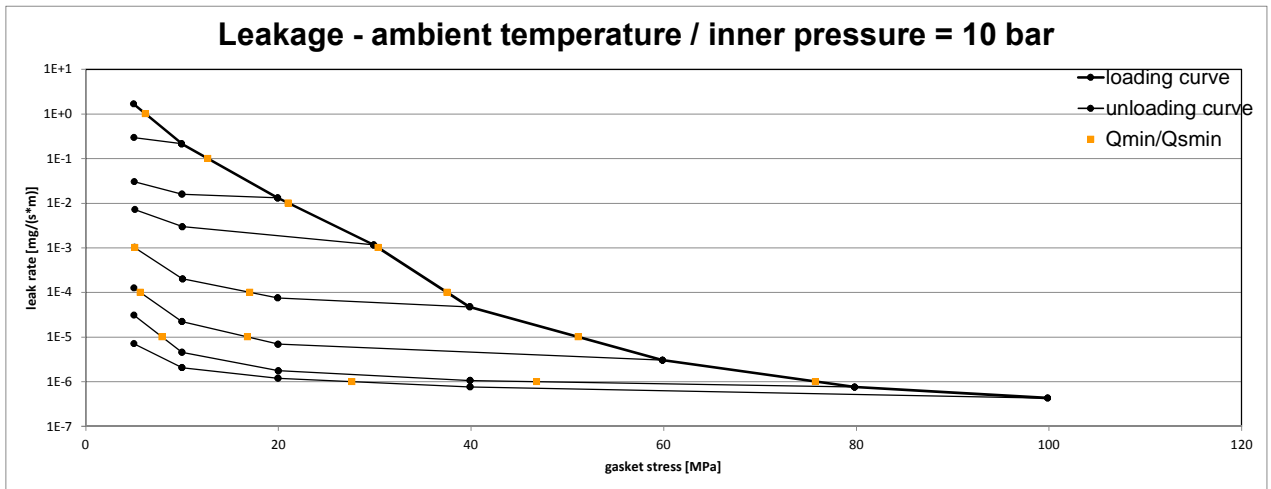


Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany	According to DIN EN 13555 2014-07
Gasket Type	KLINGER® Quantum	
Sealing element dimensions [mm]	92*49*3	

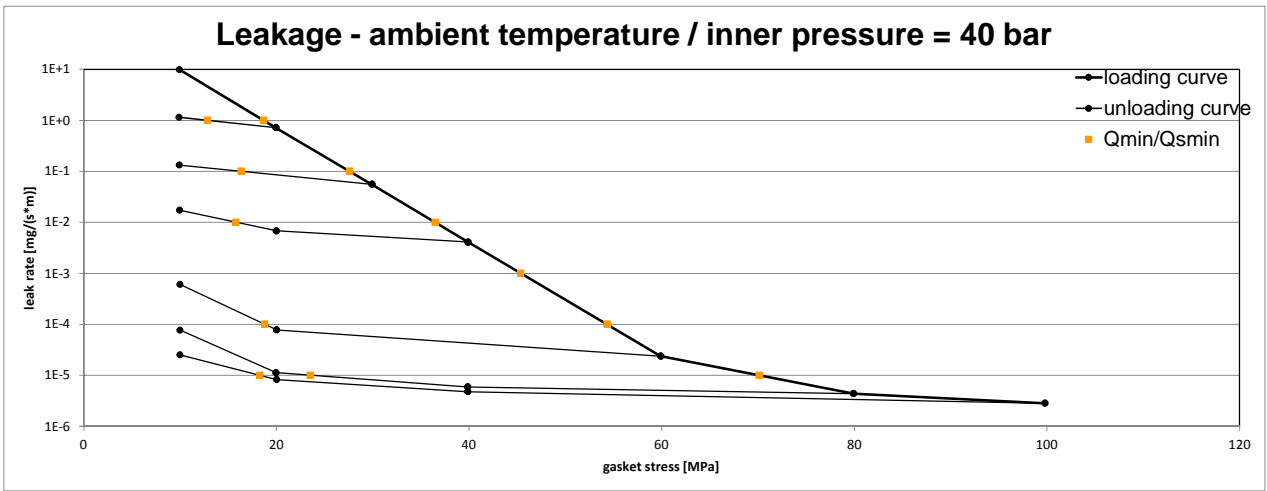
L [mg/(s*m)]	Q _{minL} [MPa]	Minimum stress to seal Q _{minL} (at assembly), Q _{SminL} (after off-loading) for p = 10 bar							
		Q _{SminL} [MPa]							
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 30 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	
10 ⁰	6	5	5	5	5	5	5	5	
10 ⁻¹	13		5	5	5	5	5	5	
10 ⁻²	21			5	5	5	5	5	
10 ⁻³	30				5	5	5	5	
10 ⁻⁴	38				17	6	5	5	
10 ⁻⁵	51					17	8	5	
10 ⁻⁶	76						47	28	



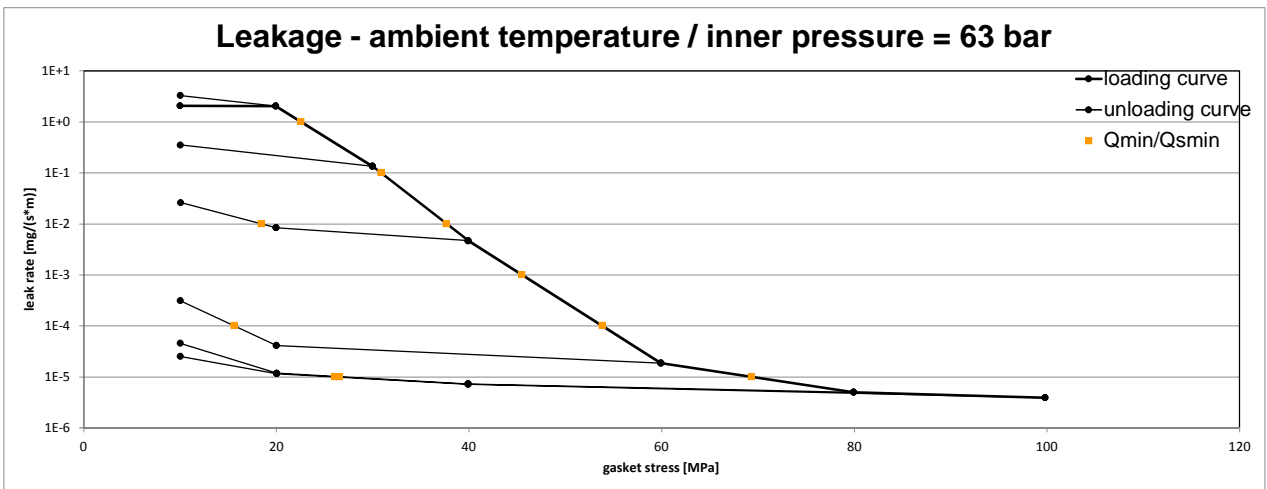
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2016-01-14

Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany	According to DIN EN 13555 2014-07
Gasket Type	KLINGER® Quantum	
Sealing element dimensions [mm]	92*49*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 = 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	19	13	10	10	10	10	10				
10 ⁻¹	28		16	10	10	10	10				
10 ⁻²	36			16	10	10	10				
10 ⁻³	45				10	10	10				
10 ⁻⁴	54				19	10	10				
10 ⁻⁵	70					24	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	23		10	10	10	10	10				
10 ⁻¹	31			10	10	10	10				
10 ⁻²	38			18	10	10	10				
10 ⁻³	45				10	10	10				
10 ⁻⁴	54				16	10	10				
10 ⁻⁵	69					27	26				



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2016-01-14

