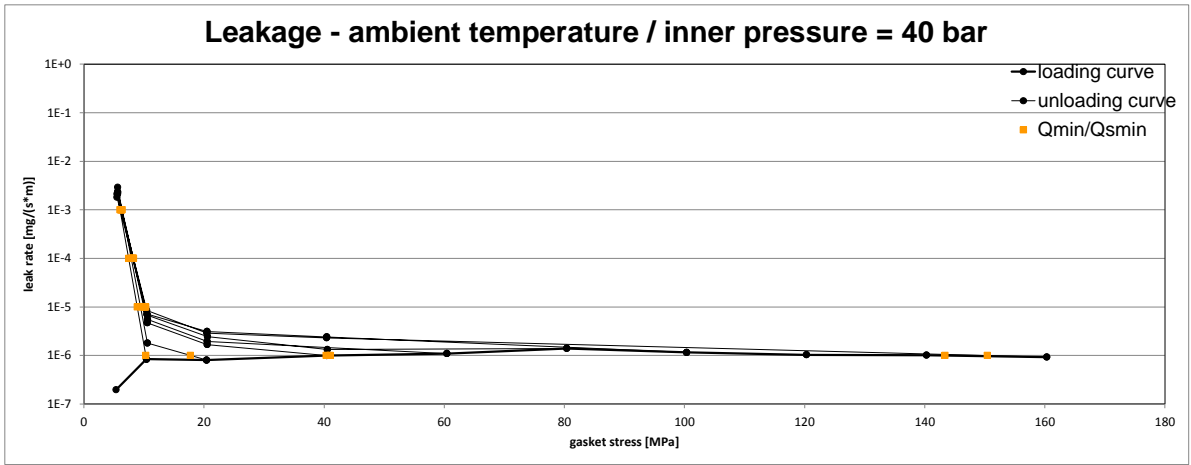
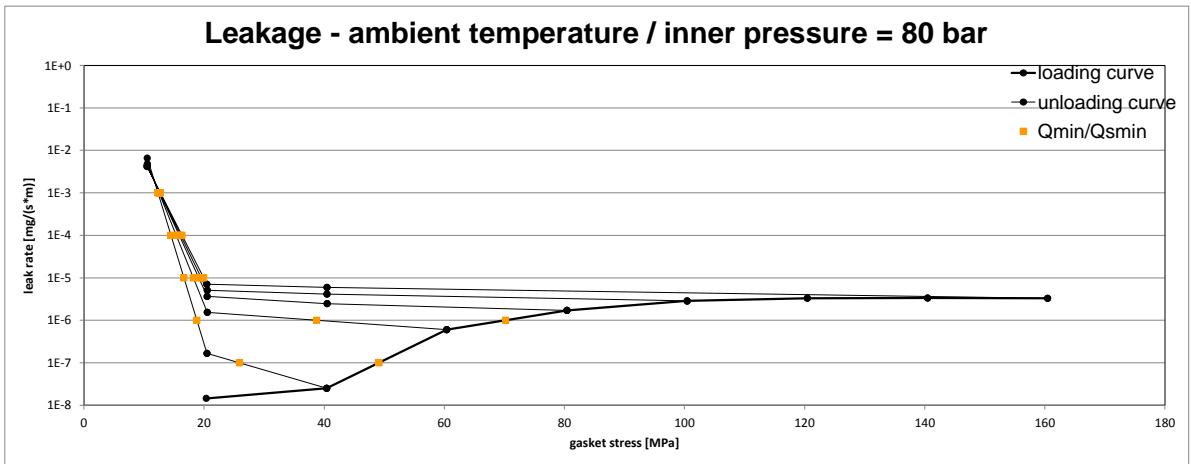


Company Address	Möller Metalldichtungen GmbH, Brunnenweg 10, 39444 Hecklingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	MMD-RSG-FG/FG-CVTG (1.4541/NBR P518)	
Sealing element dimensions [mm]	92x68/67x52x4,5	

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	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
10 ⁻¹	5	5	5	5	5	5	5			5
10 ⁻²	5	5	5	5	5	5	5			5
10 ⁻³	5	6	6	6	6	6	6			6
10 ⁻⁴	5	7	8	8	8	8	8			8
10 ⁻⁵	5	9	9	10	10	10	10			10
10 ⁻⁶	41	10	18	40						150
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 = 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 ⁰	20	12	13	13	13			13	
10 ⁻¹	20	12	13	13	13			13	
10 ⁻²	20	12	13	13	13			13	
10 ⁻³	20	12	13	13	13			13	
10 ⁻⁴	20	14	15	16	16			16	
10 ⁻⁵	20	17	18	19	20			20	
10 ⁻⁶	70	19	39						
10 ⁻⁷									
10 ⁻⁸									

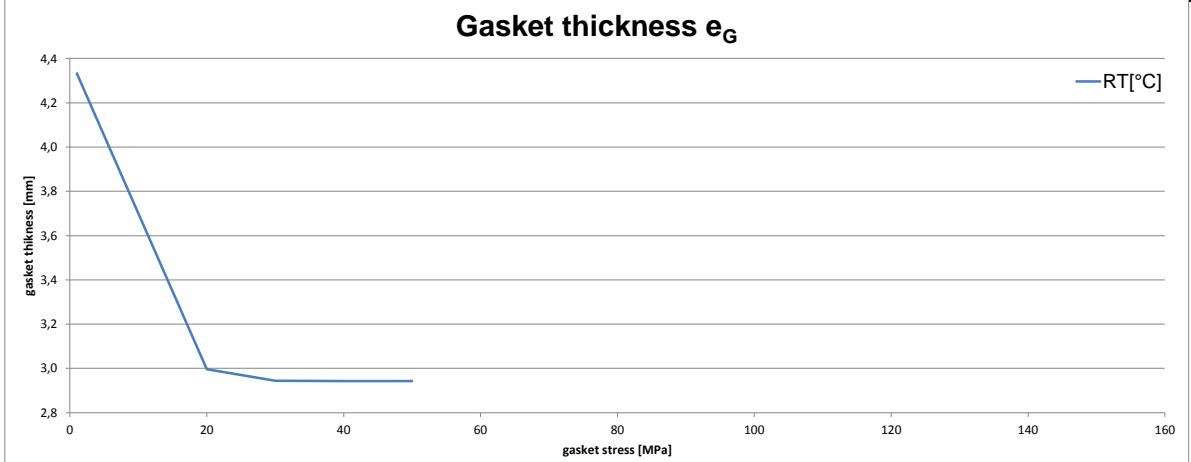


Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 2017-01-10

Company Address	Möller Metall dichtungen GmbH, Brunnenweg 10, 39444 Hecklingen, Germany	According to DIN EN 13555 2014-07
Gasket Type	MMD-RSG-FG/FG-CVTG (1.4541/NBR P518)	
Sealing element dimensions [mm]	92x68/67x52x4,5	

Relaxation ratio P_{QR} for stiffness $C = 500$ kN/mm										
Gasket stress	ambient temperature									
	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]	P_{QR}	Δe_{Gc} [mm]
Stress level 1 [50 MPa]	0.99	0.002								
Stress level 2 [300 MPa]	1.00	0.000								
P _{QR} and Δe_{Gc} at maximal applicable gasket stress Q_{Smax}										
P _{QR} at Q_{Smax}										
Q_{Smax}										

Sekant unloading modulus of the gasket E_G [MPa] and gasket thickness e_G [mm]										
Gasket stress [MPa]	temperature 1 [RT °C]		temperature 2 [80 °C]							
	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]	E_G [MPa]	e_G [mm]
0										
1		4.333								
20	702	2.996								
30	2989	2.944								
40	11168	2.942								
50										
60										
80										
100										
120										
140										
160										
180										
200										
220										
240										
260										
280										
300										
320										
340										
360										
380										
400										
420										
440										
460										
480										
500										
940										



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 2 Creation date of this sheet: 2017-01-10