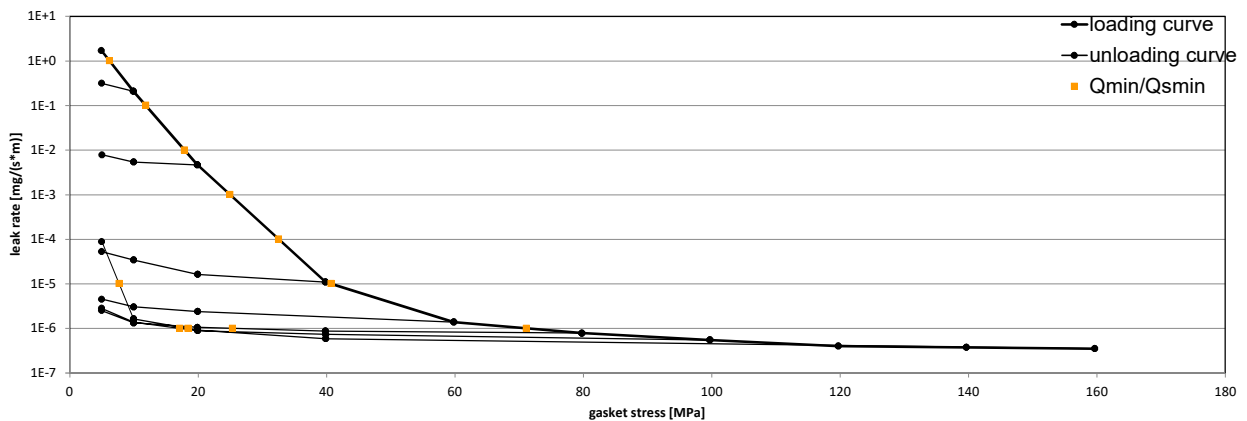


Company Address	AVKO jsc, 38A "Panoramen pat" Str., 1616 Sofia, Bulgaria	According to DIN EN 13555 2014-07
Gasket Type	Sheet gasket material of expanded PTFE, 3.0 mm, AVKOSEAL eC	
Sealing element dimensions [mm]	92 x 49 x 3.0	

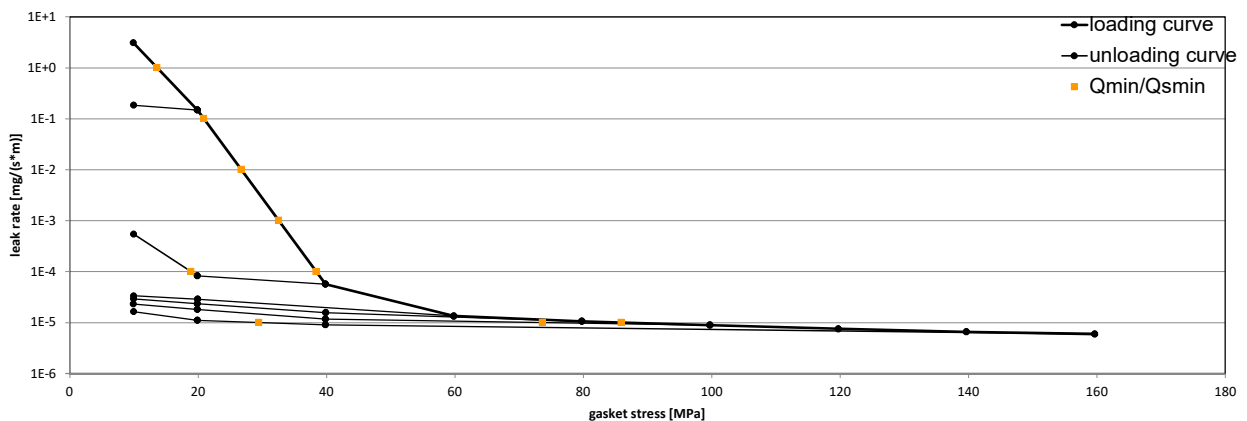
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar									
		Q _{Smin/L} [MPa]									
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa	
10 ⁻⁹	6	5	5	5	5	5	5			5	
10 ⁻¹	12		5	5	5	5	5			5	
10 ⁻²	18		5	5	5	5	5			5	
10 ⁻³	25			5	5	5	5			5	
10 ⁻⁴	33			5	5	5	5			5	
10 ⁻⁵	41				5	5	5			8	
10 ⁻⁶	71					25	17			18	
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 10 bar



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	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa		
10 ⁻⁹	14	10	10	10	10	10	10			10	
10 ⁻¹	21		10	10	10	10	10			10	
10 ⁻²	27		10	10	10	10	10			10	
10 ⁻³	33		10	10	10	10	10			10	
10 ⁻⁴	38		19	10	10	10	10			10	
10 ⁻⁵	86					74				29	
10 ⁻⁶											
10 ⁻⁷											
10 ⁻⁸											

Leakage - ambient temperature / inner pressure = 40 bar



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

Rev - No: 1

Creation date of this sheet:

2017-08-16



