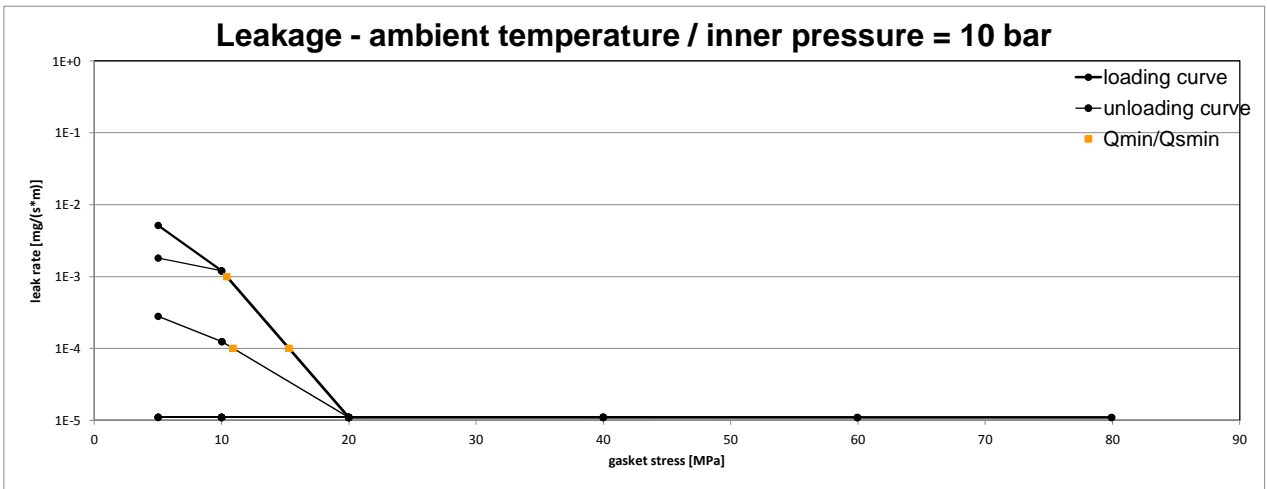
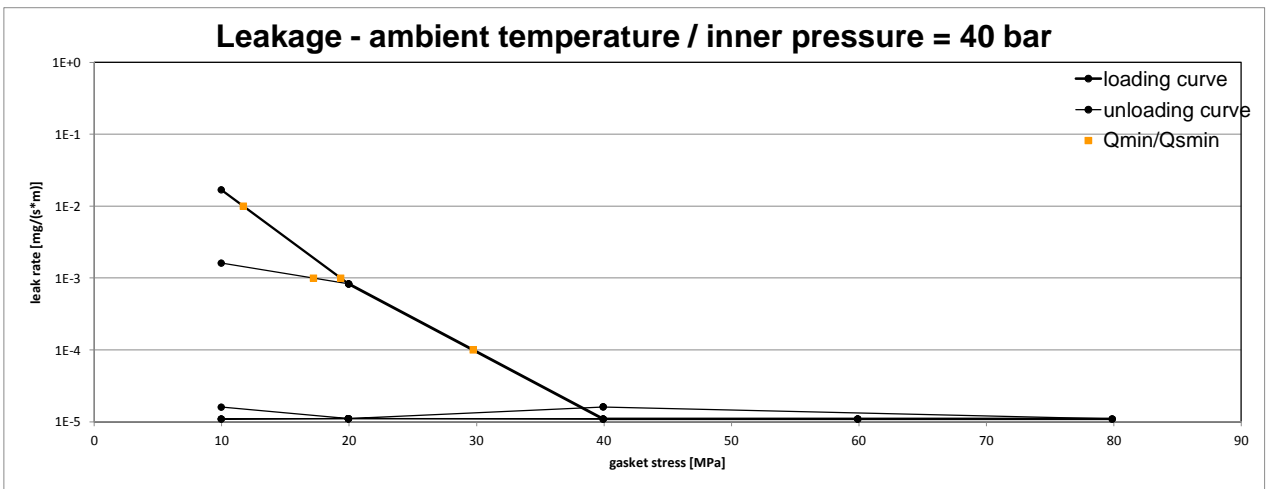


Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KLINGER® Graphite Laminate TSM150B
Sealing element dimensions [mm]	92 x 49 x 1.5

L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Minimum stress to seal Q <sub>min/L</sub> (at assembly), Q <sub>Smin/L</sub> (after off-loading) for p = 10 bar					Q <sub>Smin/L</sub> [MPa]				
		Q <sub>A</sub> = 10 MPa	Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa					
		10 <sup>0</sup>	5	5	5	5	5	5			
10 <sup>-1</sup>	5	5	5	5	5	5					
10 <sup>-2</sup>	5	5	5	5	5	5					
10 <sup>-3</sup>	10	10	5	5	5	5					
10 <sup>-4</sup>	15		11	5	5	5					
10 <sup>-5</sup>											
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



L [mg/(s*m)]	Q <sub>min/L</sub> [MPa]	Minimum stress to seal Q <sub>min/L</sub> (at assembly), Q <sub>Smin/L</sub> (after off-loading) for p = 40 bar				Q <sub>Smin/L</sub> [MPa]				
		Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa					
		10 <sup>0</sup>	10	10	10	10	10			
10 <sup>-1</sup>	10	10	10	10	10					
10 <sup>-2</sup>	12	10	10	10	10					
10 <sup>-3</sup>	19	17	10	10	10					
10 <sup>-4</sup>	30		10	10	10					
10 <sup>-5</sup>										
10 <sup>-6</sup>										
10 <sup>-7</sup>										
10 <sup>-8</sup>										



Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 1      Creation date of this sheet: 28.03.2012

