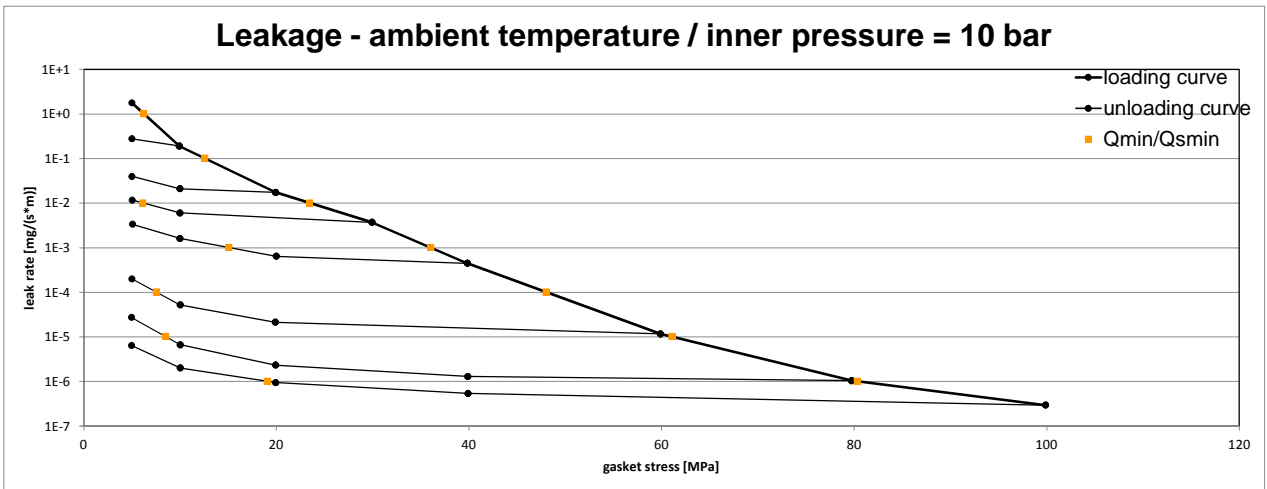
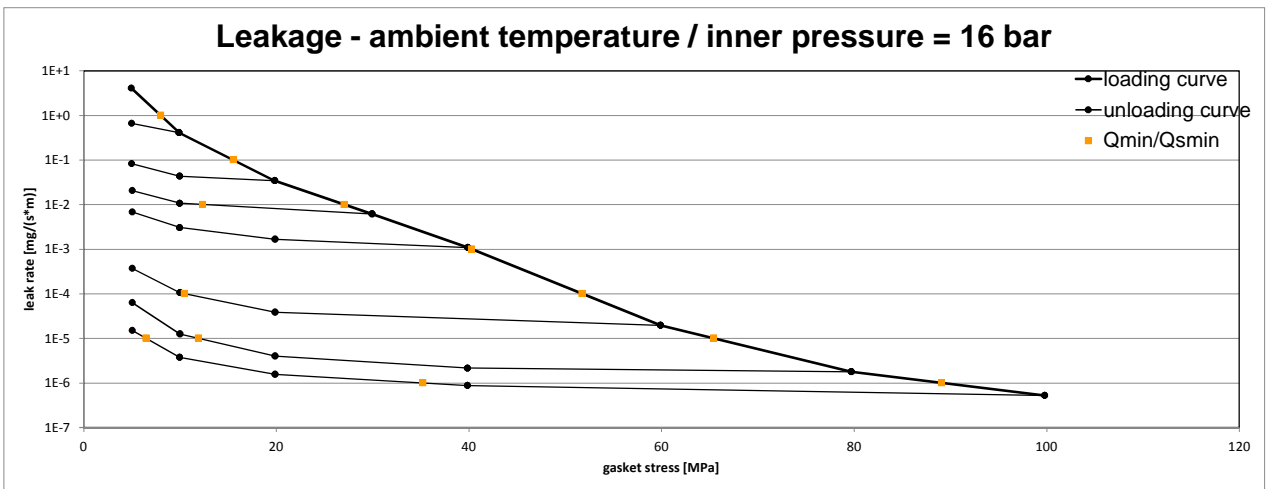


Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KLINGERSIL® C 4409
Sealing element dimensions [mm]	92 x 49 x 2

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> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa	
10 <sup>0</sup>	6	5	5	5	5	5	5	5	
10 <sup>-1</sup>	13		5	5	5	5	5	5	
10 <sup>-2</sup>	23			6	5	5	5	5	
10 <sup>-3</sup>	36				15	5	5	5	
10 <sup>-4</sup>	48					8	5	5	
10 <sup>-5</sup>	61						9	5	
10 <sup>-6</sup>	80							19	
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 = 16 bar							
		Q <sub>Smin/L</sub> [MPa]							
		Q <sub>A</sub> = 10 MPa	Q <sub>A</sub> = 20 MPa	Q <sub>A</sub> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa	
10 <sup>0</sup>	8	5	5	5	5	5	5	5	
10 <sup>-1</sup>	16		5	5	5	5	5	5	
10 <sup>-2</sup>	27			12	5	5	5	5	
10 <sup>-3</sup>	40					5	5	5	
10 <sup>-4</sup>	52					10	5	5	
10 <sup>-5</sup>	65						12	6	
10 <sup>-6</sup>	89							35	
10 <sup>-7</sup>									
10 <sup>-8</sup>									

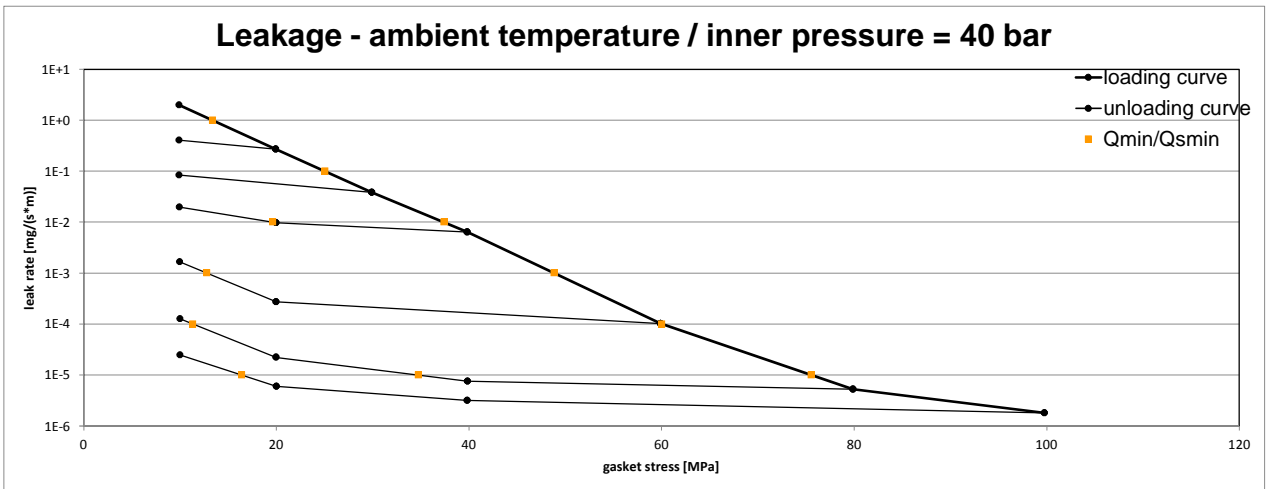


Note: the content of darkened cells was not determined respectively is unnecessary      Rev - No: 1      Creation date of this sheet: 26.03.2014



Company Address	KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany
Gasket Type	KLINGERSIL® C 4409
Sealing element dimensions [mm]	92 x 49 x 2

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> = 30 MPa	Q <sub>A</sub> = 40 MPa	Q <sub>A</sub> = 60 MPa	Q <sub>A</sub> = 80 MPa	Q <sub>A</sub> = 100 MPa				
10 <sup>0</sup>	13	10	10	10	10	10	10				
10 <sup>-1</sup>	25		10	10	10	10	10				
10 <sup>-2</sup>	37			20	10	10	10				
10 <sup>-3</sup>	49				13	10	10				
10 <sup>-4</sup>	60					11	10				
10 <sup>-5</sup>	76					35	16				
10 <sup>-6</sup>											
10 <sup>-7</sup>											
10 <sup>-8</sup>											



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