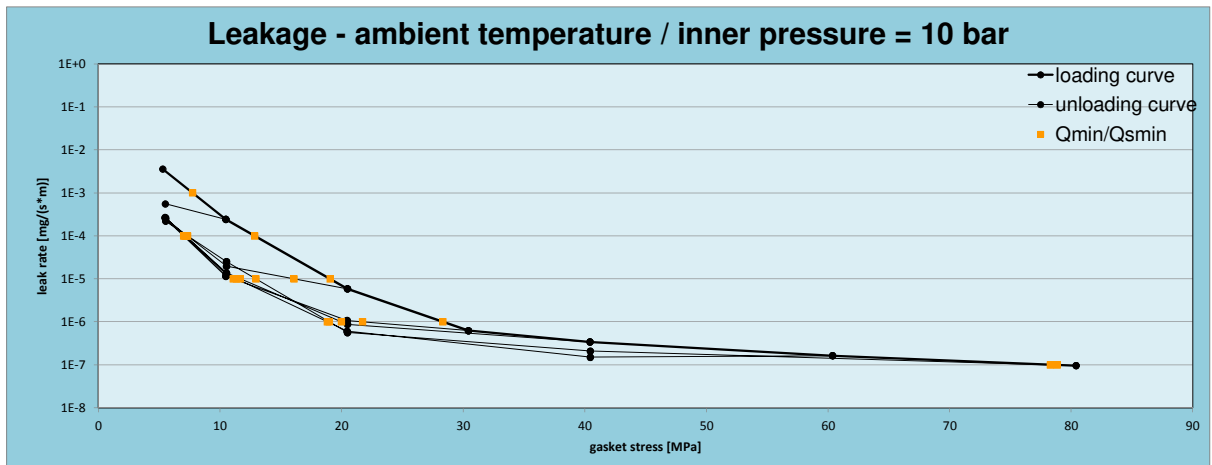
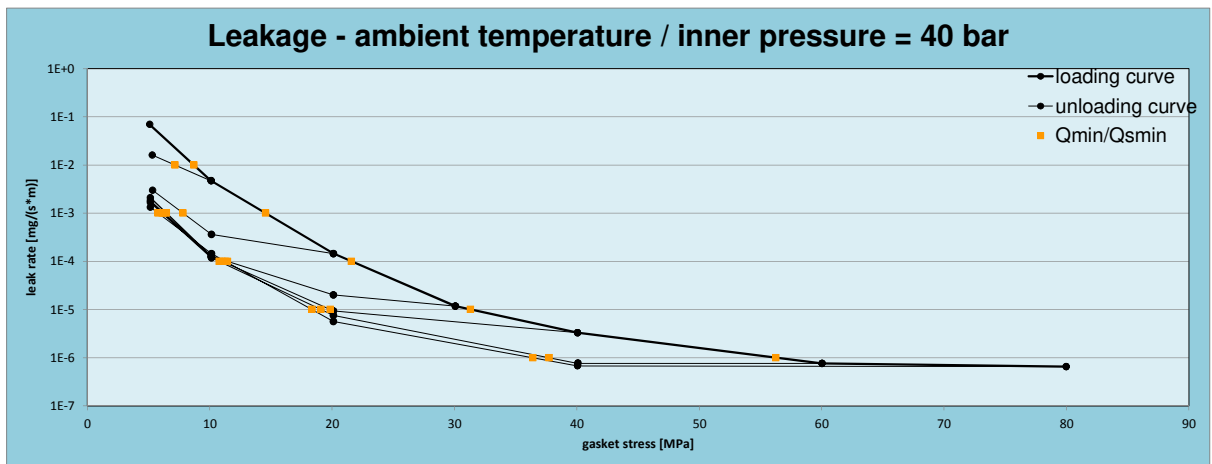


Company Address	<b>IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany</b>	According to <b>DIN EN 13555 2014-07</b>
Gasket Type	<b>IDT – Wellringdichtung mit Graphitauflage(teilbelegt); WS 1.4571/3803; IDT-Profil WD12;</b>	
Sealing element dimensions [mm]	<b>49x92x3.0</b>	

		Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 10 bar							
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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		
$10^{-0}$	5		5	5	5	5	5		
$10^{-1}$	5		5	5	5	5	5		
$10^{-2}$	5		5	5	5	5	5		
$10^{-3}$	8		5	5	5	5	5		
$10^{-4}$	13		7	7	7	7	7		
$10^{-5}$	19		16	11	12	11	13		
$10^{-6}$	28			22	20	19	19		
$10^{-7}$	79						78		
$10^{-8}$									



		Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for p = 40 bar							
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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		
$10^{-0}$	5	5	5	5	5	5	5		
$10^{-1}$	5	5	5	5	5	5	5		
$10^{-2}$	9	7	5	5	5	5	5		
$10^{-3}$	15		8	6	6	6	6		
$10^{-4}$	22			11	11	11	11		
$10^{-5}$	31				20	19	18		
$10^{-6}$	56					38	36		
$10^{-7}$									
$10^{-8}$									



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Gasket Type	<b>IDT – Wellringdichtung mit Graphitauflage(teilbelegt); WS 1.4571/3803; IDT-Profil WD12;</b>	
Sealing element dimensions [mm]	<b>49x92x3.0</b>	

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 = 80 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 <sup>-1</sup>	10		10	10	10								
10 <sup>-2</sup>	10		10	10	10								
10 <sup>-3</sup>	15		10	10	10								
10 <sup>-4</sup>	19		10	10	15								
10 <sup>-5</sup>	33		18	17	19								
10 <sup>-6</sup>	69				56								
10 <sup>-7</sup>													
10 <sup>-8</sup>													

