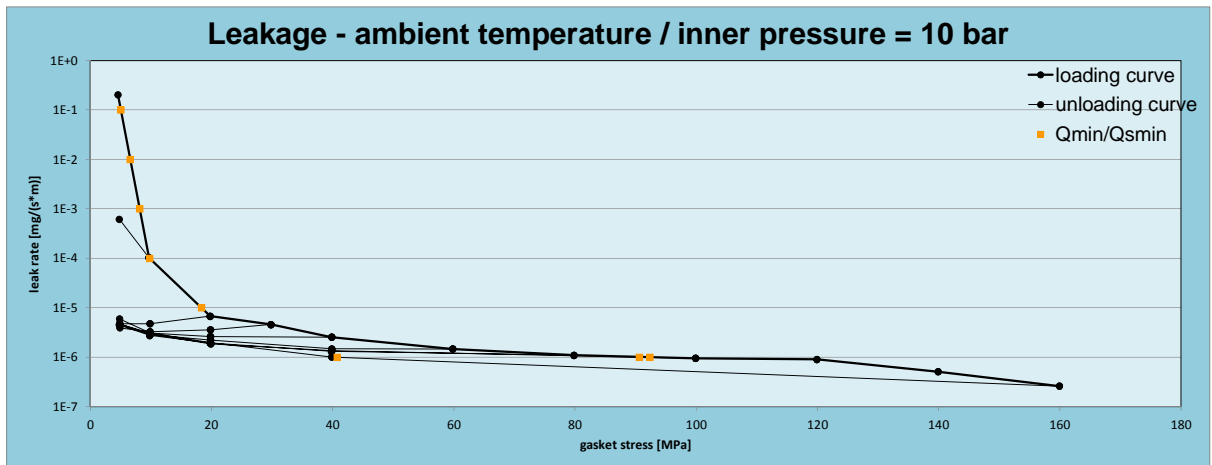
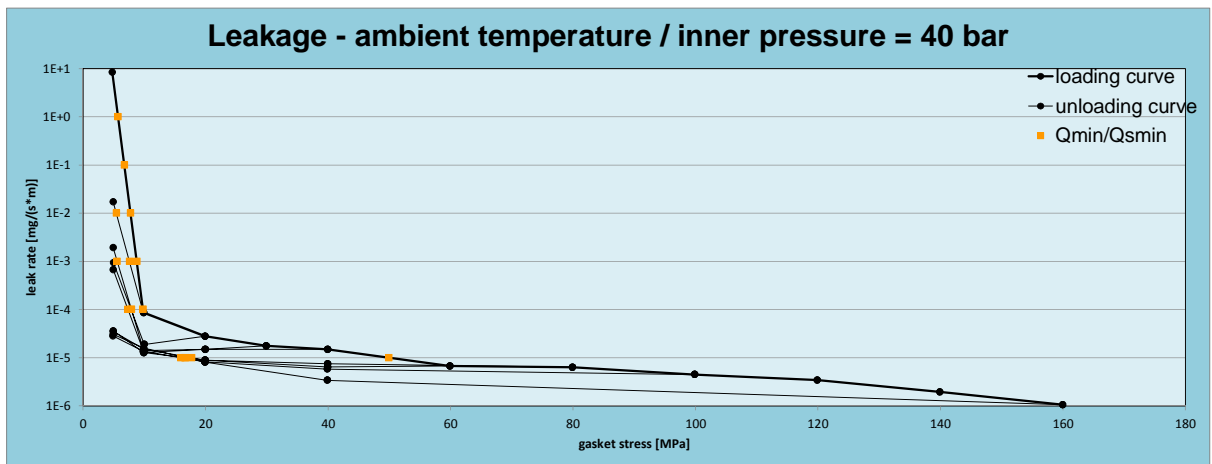


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2014-07
Gasket Type	IDT-KD10-20-30 WS 1.4571/ WS 7110	
Sealing element dimensions [mm]	53x69x92x4/5	

		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	$Q_A = 100$ MPa	$Q_A = 120$ MPa	$Q_A = 140$ MPa	$Q_A = 160$ MPa
10^{-0}								5			5
10^{-1}	5							5			5
10^{-2}	7							5			5
10^{-3}	8							5			5
10^{-4}	10							5			5
10^{-5}	18							5			5
10^{-6}	92							91			41
10^{-7}											
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	$Q_A = 100$ MPa	$Q_A = 120$ MPa	$Q_A = 140$ MPa	$Q_A = 160$ MPa
10^{-0}	6	5	5	5	5	5	5	5			5
10^{-1}	7	5	5	5	5	5	5	5			5
10^{-2}	8	5	5	5	5	5	5	5			5
10^{-3}	9	8	5	5	6	5	5	5			5
10^{-4}	10	10	8	7	8	5	5	5			5
10^{-5}	50					17	18	16			17
10^{-6}											
10^{-7}											
10^{-8}											



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Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to DIN EN 13555 2014-07
Gasket Type	IDT-KD10-20-30 WS 1.4571/ WS 7110	
Sealing element dimensions [mm]	53x69x92x4/5	

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 = 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	10			10			10	
10 ⁻¹	20	10			10			10	
10 ⁻²	20	10			10			10	
10 ⁻³	20	10			10			10	
10 ⁻⁴	20	16			16			10	
10 ⁻⁵	30				82			64	
10 ⁻⁶									
10 ⁻⁷									
10 ⁻⁸									

