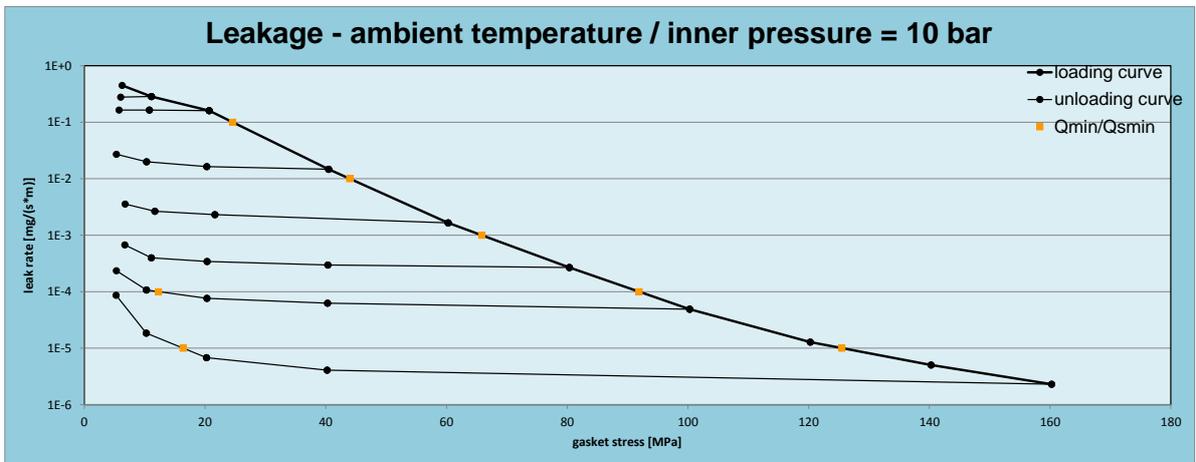
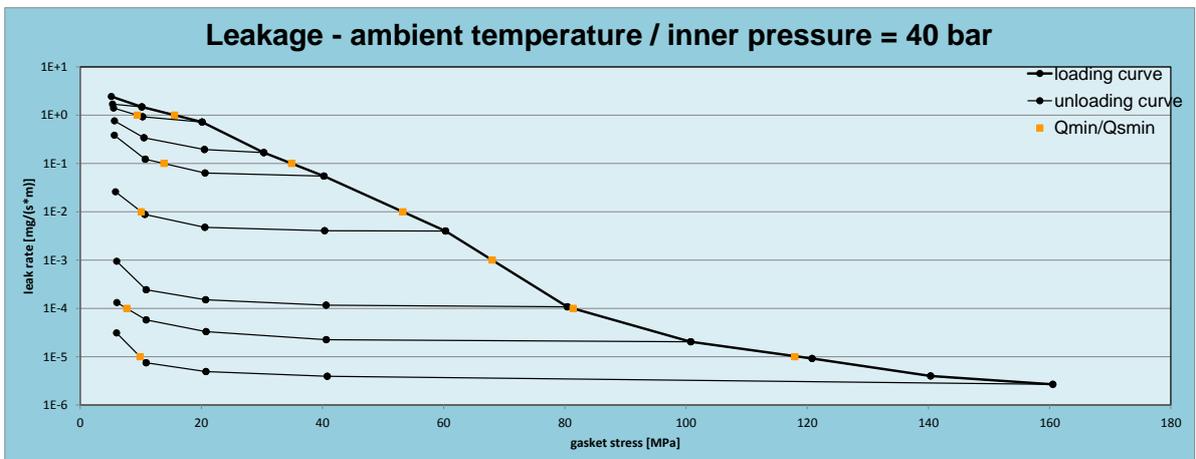


Company Address	IDT Industrie- und Dichtungstechnik GmbH Werk Kupferring, Gewerbering 6, 09456 Annaberg-Buchholz, Germany	According to <b>DIN EN 13555</b> 2014-07
Gasket Type	IDT-Spiraldichtung mit Glimmer - Füllstoff, Außenring aus 1.4828 WS 1.4828/Glimmer/1.4828; IDT-Profil SD10	
Sealing element dimensions [mm]	50x56x68x92x4,5	

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	$Q_A = 40$ 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	5	5	5	5	5	5		5
$10^{-1}$	25			5	5	5	5			5
$10^{-2}$	44				5	5	5			5
$10^{-3}$	66					5	5			5
$10^{-4}$	92						12			5
$10^{-5}$	126									16
$10^{-6}$										
$10^{-7}$										
$10^{-8}$										



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
$10^0$	16				5	5	5	5		5
$10^{-1}$	35		9			14	5	5		5
$10^{-2}$	53						10	5	5	5
$10^{-3}$	68							5	5	5
$10^{-4}$	81								8	5
$10^{-5}$	118									10
$10^{-6}$										
$10^{-7}$										
$10^{-8}$										



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Gasket Type	IDT-Spiraldichtung mit Glimmer - Füllstoff, Außenring aus 1.4828 WS 1.4828/Glimmer/1.4828; IDT-Profil SD10	
Sealing element dimensions [mm]	50x56x68x92x4,5	

Minimum stress to seal $Q_{min/L}$ (at assembly), $Q_{Smin/L}$ (after off-loading) for $p = 100$ bar											
L [mg/(s*m)]	$Q_{min/L}$ [MPa]	$Q_{Smin/L}$ [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	$Q_A = 200$ MPa	$Q_A = 250$ MPa	$Q_A = 300$ MPa
$10^{-0}$	40		40	40	40			40	40	40	
$10^{-1}$	79			50	40			40	40	40	
$10^{-2}$	98				42			40	40	40	
$10^{-3}$	117							40	40	40	
$10^{-4}$	147							40	40	40	
$10^{-5}$	215									57	
$10^{-6}$											
$10^{-7}$											
$10^{-8}$											

