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Gasket Type	Sigma 600 - Pure ePTFE
Thickness $e_{GO}$ [mm]	1,6

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]							
		$Q_A = 20$ [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]
$10^{-0}$	<10	<10	<10	<10	<10	<10			<10
$10^{-1}$	12	<10	<10	<10	<10	<10			<10
$10^{-2}$	15	<10	<10	<10	<10	<10			<10
$10^{-3}$	18	<10	<10	<10	<10	<10			<10
$10^{-4}$	25		<10	<10	<10	<10			<10
$10^{-5}$	54			19	12	<10			<10
$10^{-6}$	94					75			
$10^{-7}$									
$10^{-8}$									

Relaxation ratio $P_{QR}$ for stiffness $C = 500$ kN/mm			
Gasket stress [MPa]	ambient temperature	temperature 1 [XX °C]	temperature 2 [XX °C]
Stress level 1 [MPa]			
Stress level 2 [MPa]			
$Q_{Smax}$ [xx MPa]			

Maximal applicable gasket stress $Q_{Smax}$		
$Q_{Smax}$ [MPa] – ambient temperature	$Q_{Smax}$ [MPa] – temperature 1 [xx °C]	$Q_{Smax}$ [MPa] – temperature 2 [xx °C]

Sekant unloading modulus of the gasket $E_G$ [MPa]			
Gasket stress [MPa]	ambient temperature	temperature 1 [xx °C]	temperature 2 [xx °C]
20			
30			
40			
50			
60			
80			
100			
120			
140			
160			
180			
200			
220			
225			

Note: the content of darkened cells was not determined respectively is unnecessary

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