

POWER[®] gasket Těsnění na neparallelní plochy

výpočtové charakteristické hodnoty podle EN 13555

Název produktu: POWERgasket Těsnění na neparallelní plochy výpočtové charakteristické hodnoty	Číslo specifikace produktu: D – 0073-0-CZ	Datum vzniku: 18. 01. 2018
Schválil: Mareš	Datum revize:	Strana: 1 z 1

Maximum allowable Gasket Stress Q_{smax} [MPa]

T [°C]	25	270	-	-	-	-
Q_{smax} [MPa]	250	250				
test no.	12-098	12-102				

Modulus of Elasticity E_G [MPa]

T [°C]	25	270	-	-	-	-
Q [MPa]						
10	1807	1939				
40	5633	5790				
60	5680	5612				
100	8677	11094				
140	14071	16786				
250	25886	24326				
test no.	12-098	12-102				

Creep - Relaxation factor P_{QR} [-] (C=500 kN/mm)

T [°C]	270					
Q [MPa]						
100	> 0.9					
Test	*					
Test						

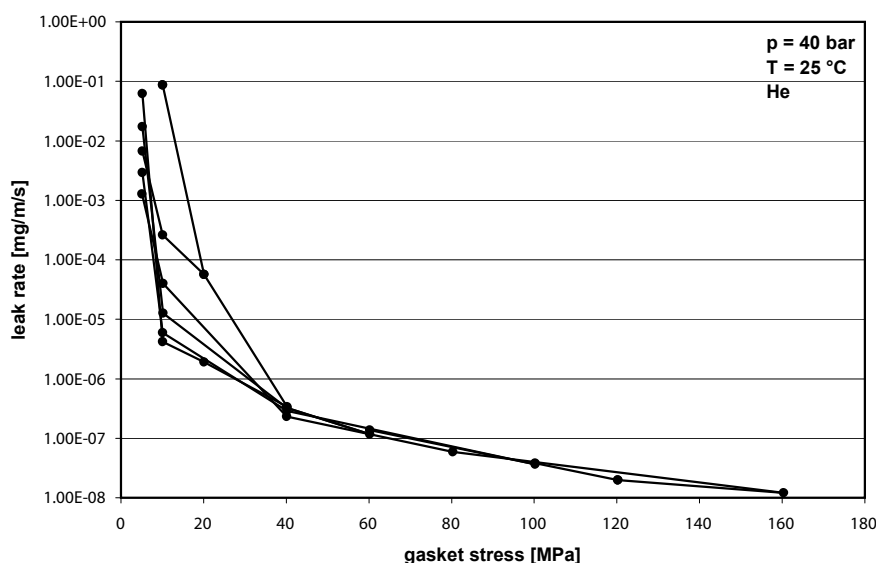
Minimum required Gasket Stress in Assembly $Q_{min(L)}$ [MPa]

L	10	1	0.1	0.01	0.001	0.0001	0.00001	0.000001	1E-07
p [bar]									
40	< 10	< 10	< 10	13	16	19	27	36	71
test no.	12-087								

Minimum required Gasket Stress in Operation $Q_{smin(L)}$ [MPa]

L	10	1	0.1	0.01	0.001	0.0001	0.00001	0.000001	1E-07
Q_A [MPa]									
20	< 5	< 5	< 5	6	8	16	-		
40	< 5	< 5	< 5	6	7	9	12	32	
60	< 5	< 5	< 5	6	7	9	12	31	
100	< 5	< 5	< 5	< 5	6	8	10	28	
160	< 5	< 5	< 5	< 5	5	8	9	28	65
test no.	12-087								

Leakage curve - Powergasket tesneni pro neparallelni plochy - Test number: 12-087



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