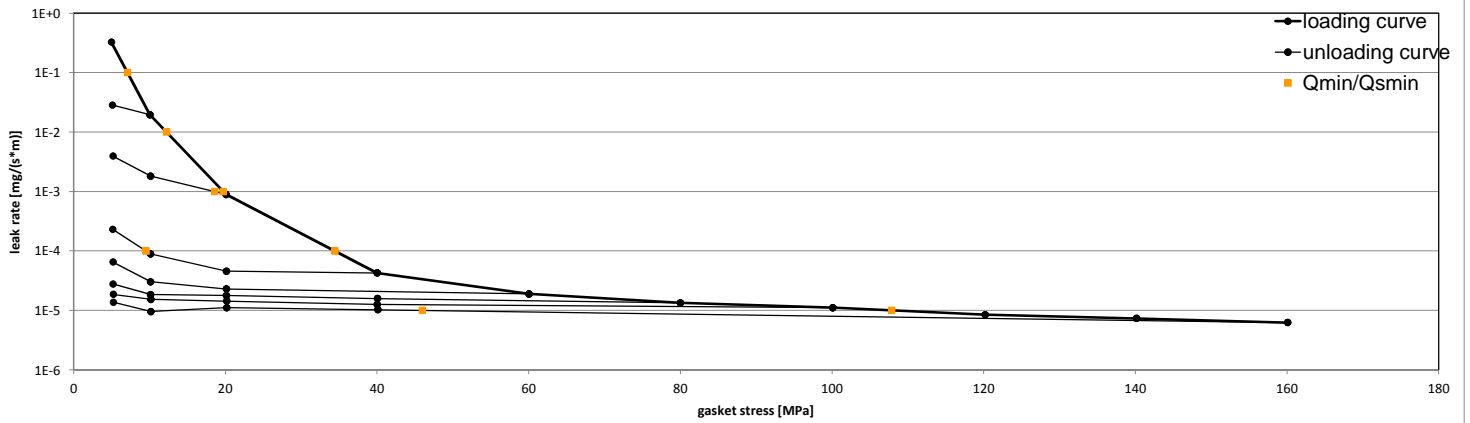


Company Address	James Walker & Co, Gote Brow, Cockermouth, Cumbria, CA13 0NH, UK
Gasket Type	Centurion
Sealing element dimensions [mm]	92 x 49 x 2

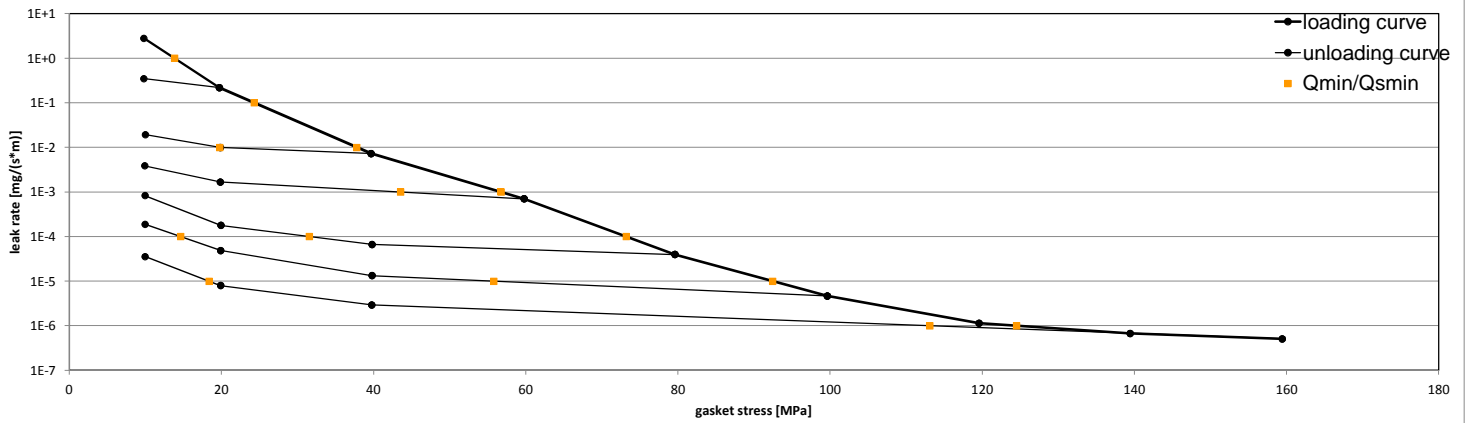
L [mg/(s*m)]	Q _{min/L} [MPa]	Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar										
		Q _{Smin/L} [MPa]										
		Q _A = 10 MPa	Q _A = 20 MPa	Q _A = 40 MPa	Q _A = 60 MPa	Q _A = 80 MPa	Q _A = 100 MPa	Q _A = 120 MPa	Q _A = 140 MPa	Q _A = 160 MPa		
10 ⁻⁰	5	5	5	5	5	5	5			5		
10 ⁻¹	7	5	5	5	5	5	5			5		
10 ⁻²	12		5	5	5	5	5			5		
10 ⁻³	20		19	5	5	5	5			5		
10 ⁻⁴	34			10	5	5	5			5		
10 ⁻⁵	108									46		

Leakage - ambient temperature / inner pressure = 10 bar



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 = 40 bar								
		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	14	10	10	10	10	10		10		
10 ⁻¹	24		10	10	10	10		10		
10 ⁻²	38		20	10	10	10		10		
10 ⁻³	57			44	10	10		10		
10 ⁻⁴	73				32	15		10		
10 ⁻⁵	92					56		18		
10 ⁻⁶	124							113		

Leakage - ambient temperature / inner pressure = 40 bar



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

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Creation date of this sheet:

08.10.2013

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