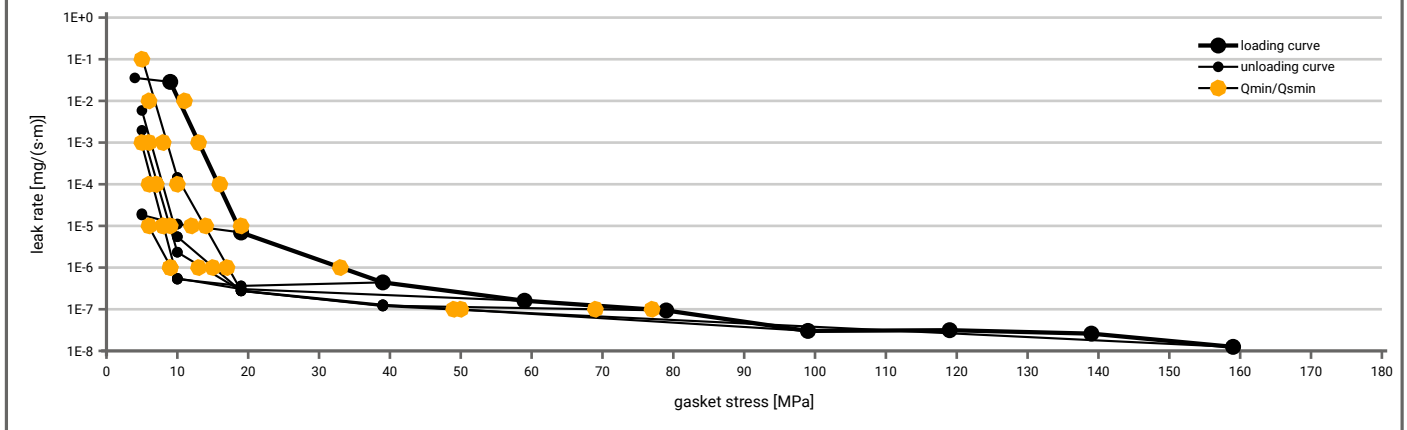


Manufacturer address	KLINGER Kempchen GmbH, Im Waldteich 21, 46147 Oberhausen, DE	According to DIN EN 13555 2005-2
Product name	Grooved gasket B25A / B27A / B29A-PTFE unsintered (1.4541 / 0,35 mm)	
Product dimensions	69 x 53 x 4.8 mm (DIN EN 1514-6 2004-3)	

Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 10$ bar ($T = 23 \pm 2$ °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]								
		$Q_A = 9.7$ [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]
1E-0	10	5	5	5	5	5	5	5		5
1E-1	10	5	5	5	5	5	5	5		5
1E-2	11		5	5	5	5	7			5
1E-3	14		5	5	5	6	9			6
1E-4	17		5	5	7	8	11			7
1E-5	19		12	6	8	10	14			9
1E-6	34			9	10	16	18			14
1E-7	77					70	50			49
1E-8										

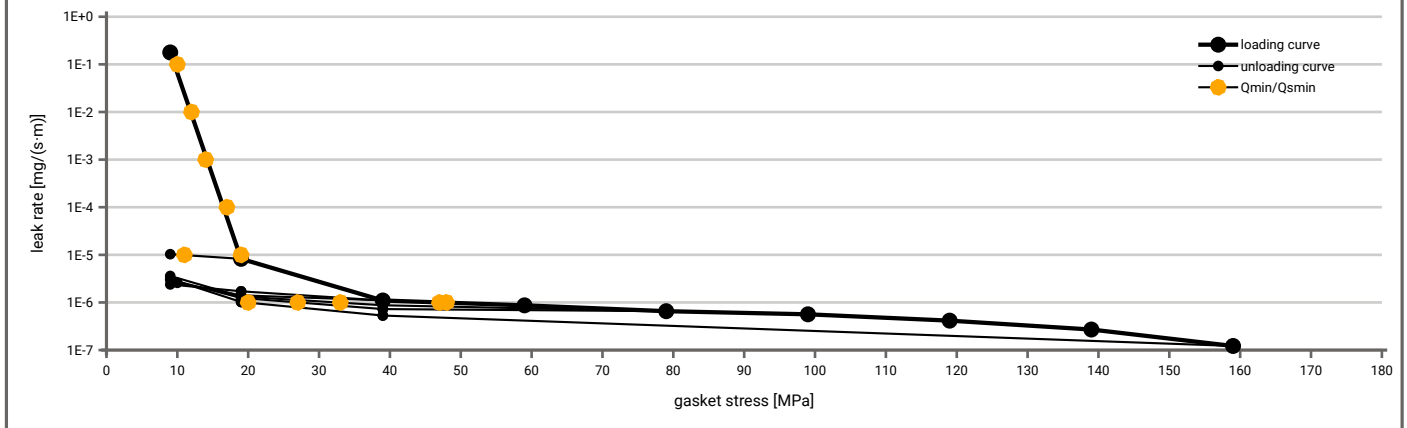
Leakage - 23 ± 2 °C / 10 bar



Minimum stress to seal $Q_{min(L)}$ (at assembly), $Q_{smin(L)}$ (after off-loading) for $p = 40$ bar ($T = 23 \pm 2$ °C)

L [mg/(s·m)]	$Q_{min(L)}$ [MPa]	$Q_{smin(L)}$ [MPa]								
		$Q_A = 9.7$ [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]
1E-0	10		10	10	10	10	10	10		10
1E-1	10		10	10	10	10	10	10		10
1E-2	13		10	10	10	10	10	10		10
1E-3	15		10	10	10	10	10	10		10
1E-4	17		10	10	10	10	10	10		10
1E-5	20		11	10	10	10	10	10		10
1E-6	48				48	28	33			21
1E-7										

Leakage - 23 ± 2 °C / 40 bar



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

Rev.-No.: 2

Creation date of this sheet: 2025-06-13

