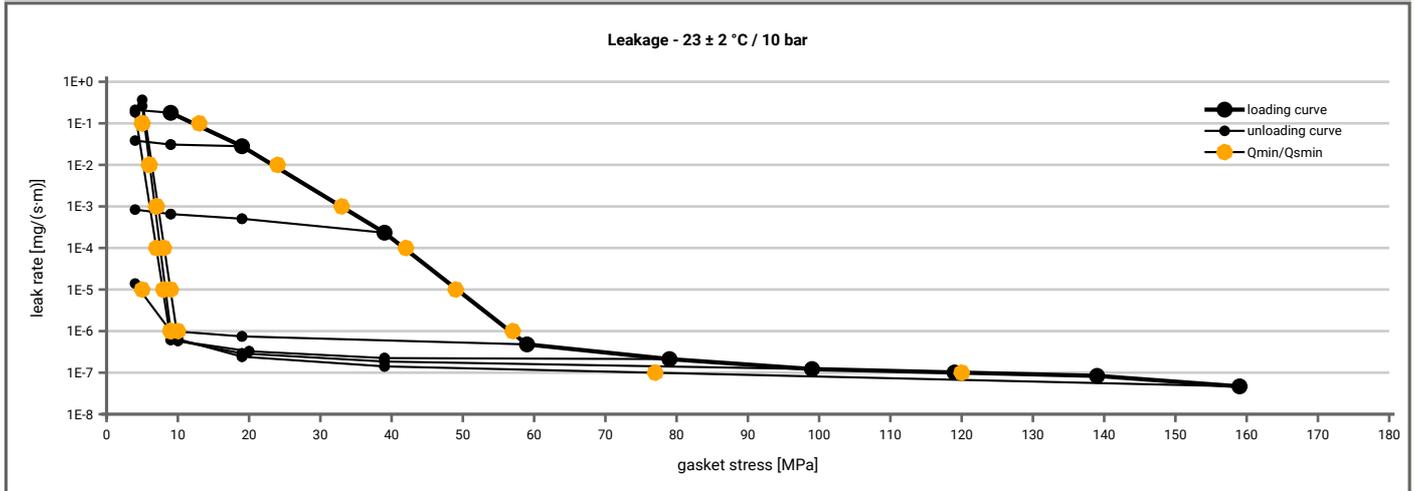
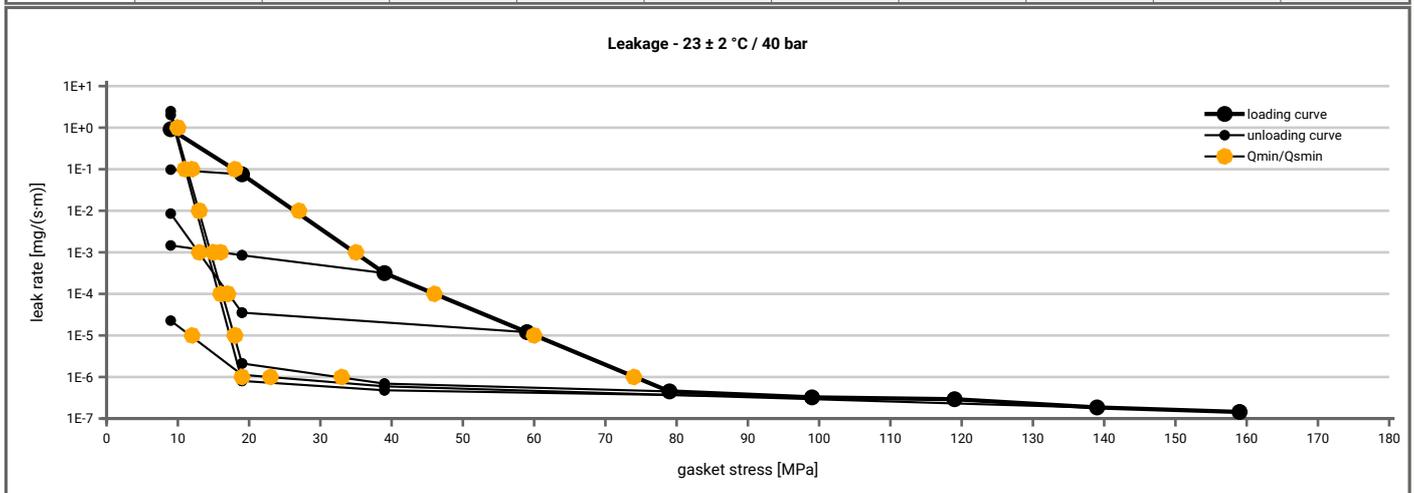


Manufacturer address	KLINGER Kempchen GmbH, Im Waldteich 21, 46147 Oberhausen, DE	According to DIN EN 13555 2014-7
Product name	Grooved gasket B7A / B9A / B15A PTFE unsintered (1.4541 / 0,35 mm)	
Product dimensions	69 x 53 x 4.5 mm (DIN EN 1514-6 2004-3)	

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]								
		$Q_A = 10$ [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]
1E-0	10	5	5	5	5	5	5	5		5
1E-1	13		5	5	5	5	5	5		6
1E-2	24			5	6	6	5			6
1E-3	34			5	7	7	5			7
1E-4	42				8	8	5			8
1E-5	50				9	9	5			9
1E-6	57				10	10	9			10
1E-7	120									77
1E-8										



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+1	10		10	10	10	10	10	10		10
1E-0	10		10	10	10	10	10			10
1E-1	18		10	10	10	12	12			10
1E-2	27			10	10	14	13			10
1E-3	35			17	14	15	15			10
1E-4	47				18	17	17			10
1E-5	61					19	18			13
1E-6	75					33	20			24
1E-7										



Note: the content of darkened cells was not determined respectively is unnecessary Rev.-No.: 3 Creation date of this sheet: 2025-06-13

