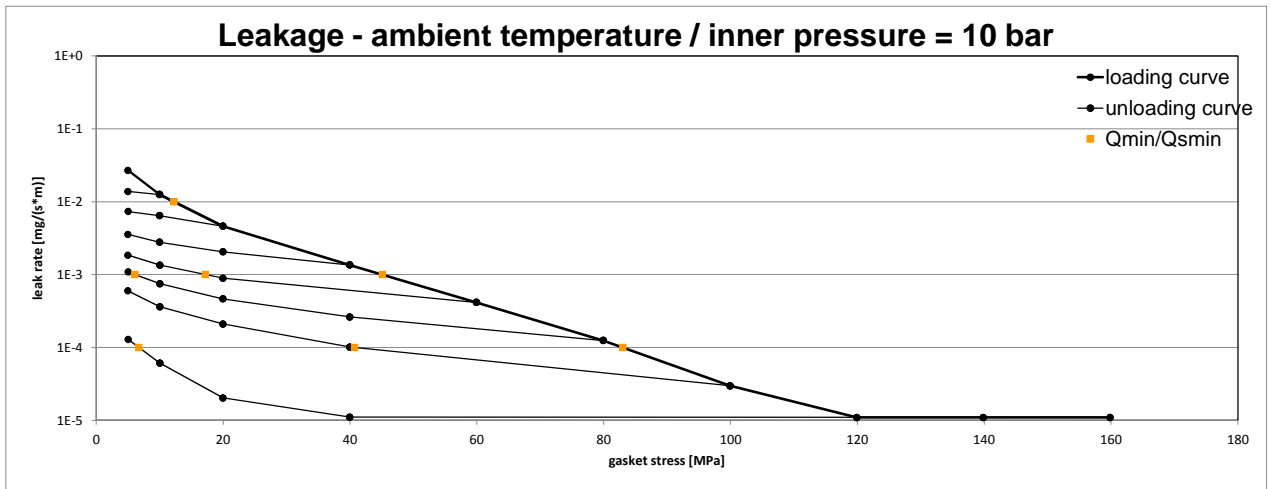
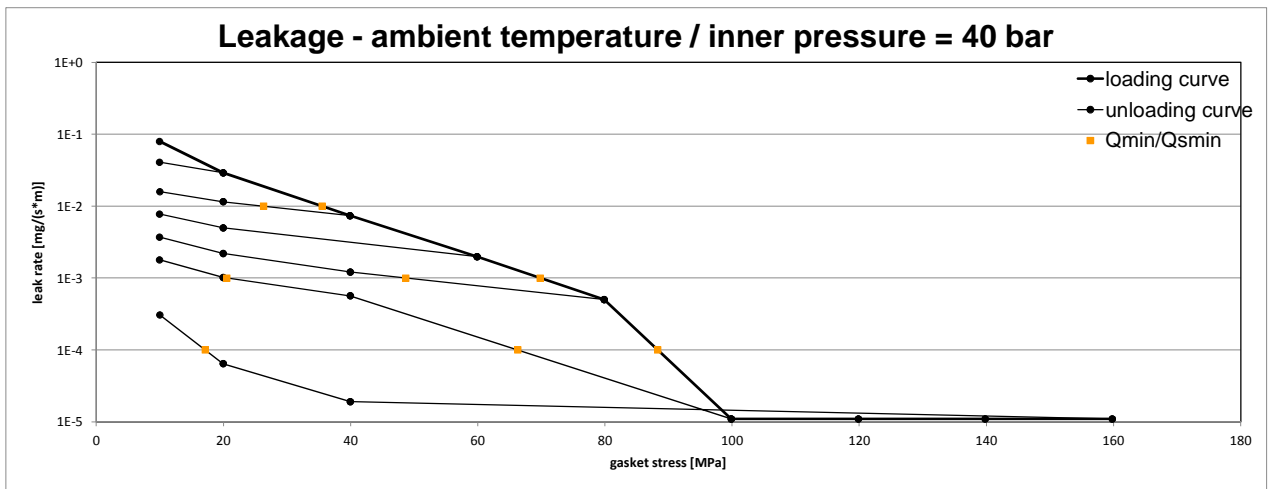


| | |
|---------------------------------|---|
| Company Address | KLINGER® GmbH & Co. KG, Richard-Klinger-Straße 37, 65510 Idstein, Germany |
| Gasket Type | KLINGER® Graphite Laminate SLS150B |
| Sealing element dimensions [mm] | 92 x 49 x 1.5 |

| 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 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | 5 | |
| 10 ⁻² | 12 | | 5 | 5 | 5 | 5 | 5 | | | 5 | |
| 10 ⁻³ | 45 | | | | 17 | 6 | 5 | | | 5 | |
| 10 ⁻⁴ | 83 | | | | | | 41 | | | 7 | |
| 10 ⁻⁵ | | | | | | | | | | | |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



| 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 | 10 | 10 | 10 | 10 | 10 | 10 | | | 10 | | |
| 10 ⁻¹ | 10 | 10 | 10 | 10 | 10 | 10 | | | 10 | | |
| 10 ⁻² | 36 | | 26 | 10 | 10 | 10 | | | 10 | | |
| 10 ⁻³ | 70 | | | | 49 | 21 | | | 10 | | |
| 10 ⁻⁴ | 88 | | | | | 66 | | | 17 | | |
| 10 ⁻⁵ | | | | | | | | | | | |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 28.03.2012



