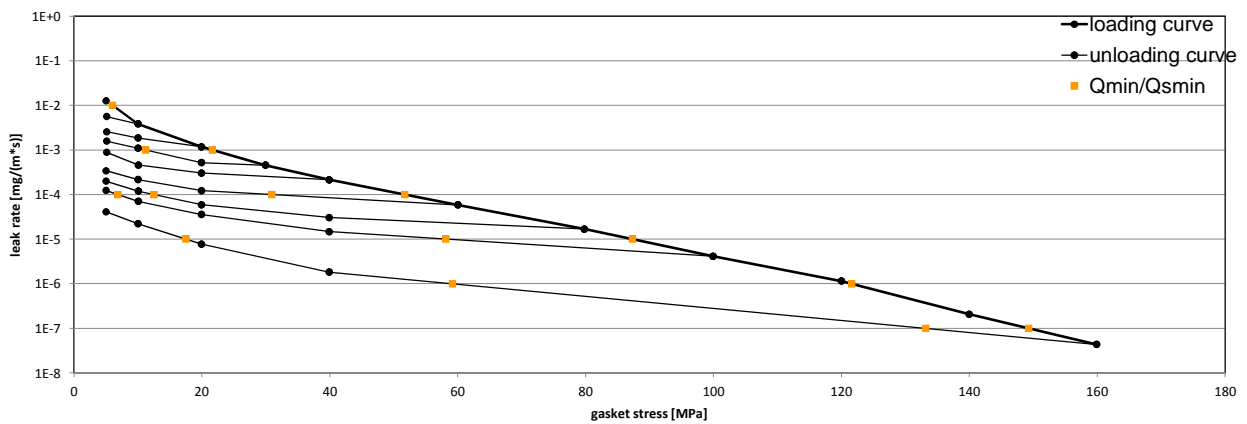


| | |
|---------------------------------|---|
| Company Address | C.S.U.T. SPETECH Sp. z o.o., ul. Szyprow 17, 43-382 Bielsko-Biala, Poland |
| Gasket Type | SPETOGRAPH® GUS® 40 PRO |
| Sealing element dimensions [mm] | 92 x 49 x 2 |

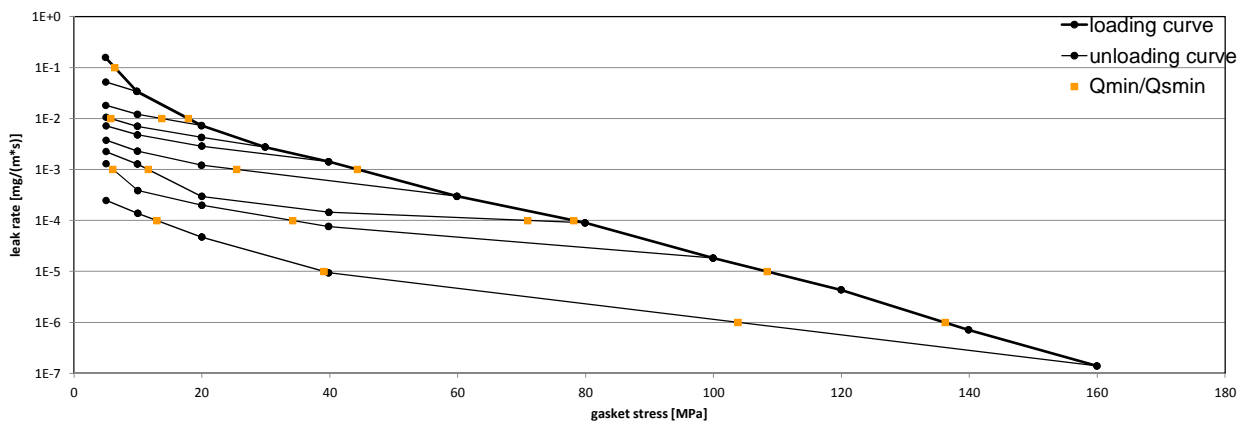
| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Q _{Smin/L} [MPa] | | | | | | | | | |
| | | Q _A = 10 MPa | Q _A = 20 MPa | Q _A = 30 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 | | | 5 |
| 10 ⁻¹ | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | 5 |
| 10 ⁻² | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | 5 |
| 10 ⁻³ | 22 | | | 11 | 5 | | | 5 | | | 5 |
| 10 ⁻⁴ | 52 | | | | | 31 | 13 | 7 | | | 5 |
| 10 ⁻⁵ | 87 | | | | | | | 58 | | | 18 |
| 10 ⁻⁶ | 122 | | | | | | | | | | 59 |
| 10 ⁻⁷ | 149 | | | | | | | | | | 133 |
| 10 ⁻⁸ | | | | | | | | | | | |

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 = 10 MPa | Q _A = 20 MPa | Q _A = 30 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 | | | 5 |
| 10 ⁻¹ | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | | | 5 |
| 10 ⁻² | 18 | | 14 | 6 | 5 | 5 | 5 | 5 | | | 5 |
| 10 ⁻³ | 44 | | | | | 25 | 12 | 6 | | | 5 |
| 10 ⁻⁴ | 78 | | | | | | 71 | 34 | | | 13 |
| 10 ⁻⁵ | 108 | | | | | | | | | | 39 |
| 10 ⁻⁶ | 136 | | | | | | | | | | 104 |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |

Leakage - ambient temperature / inner pressure = 40 bar



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

Rev - No: 1

Creation date of this sheet:

22.10.2012

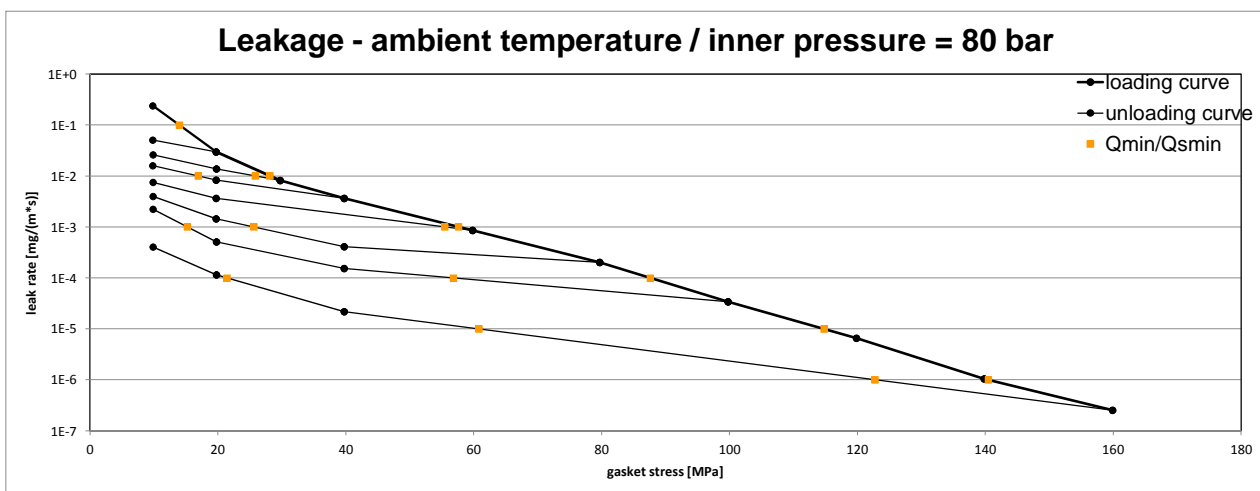
page 1 of 3



Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

| | |
|---------------------------------|---|
| Company Address | C.S.U.T. SPETECH Sp. z o.o., ul. Szyprow 17, 43-382 Bielsko-Biala, Poland |
| Gasket Type | SPETOGRAPH® GUS® 40 PRO |
| 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 = 80 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|
| | | Q _{Smin/L} [MPa] | | | | | | | | | |
| | | Q _A = 20 MPa | Q _A = 30 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 | |
| 10 ⁻¹ | 14 | 10 | 10 | 10 | 10 | 10 | 10 | | | 10 | |
| 10 ⁻² | 28 | | 26 | 17 | 10 | 10 | 10 | | | 10 | |
| 10 ⁻³ | 58 | | | | 55 | 26 | 15 | | | 10 | |
| 10 ⁻⁴ | 88 | | | | | | 57 | | | 21 | |
| 10 ⁻⁵ | 115 | | | | | | | | | 61 | |
| 10 ⁻⁶ | 140 | | | | | | | | | 123 | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 22.10.2012

