

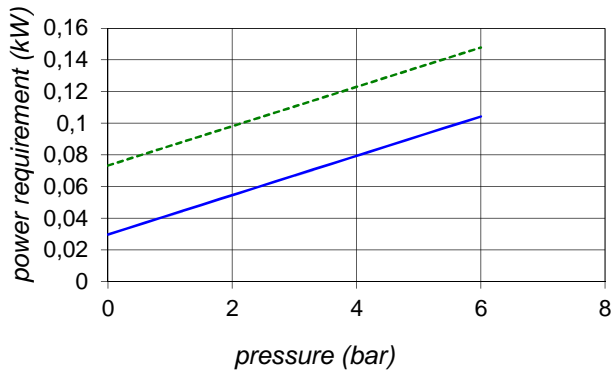


project no.:

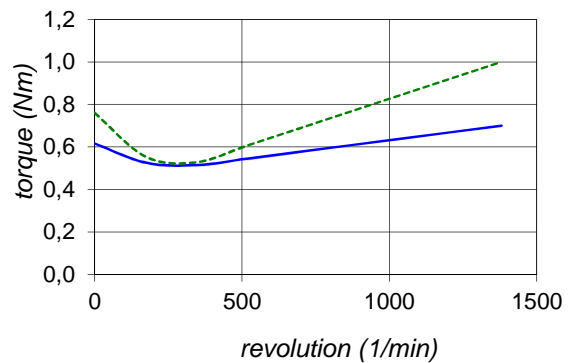
position no.:

| Leistungsdaten <i>performance data</i>    |  | Betriebsdaten 1<br><i>operating data 1</i> | Betriebsdaten 2<br><i>operating data 2</i> |
|---|--|--|--|
|   |  | Heizöl schwer / Heavy Fuel Oil             |  |
| Fördermedium                              | <i>medium</i>  | K  | K  |
| Baureihe                                  | <i>series</i>  | 7  | 7  |
| Pumpengröße                               | <i>size</i>  | 0,0  | 0,0  |
| Saugdruck                                 | <i>suction pressure</i>                                | bar  | 6,0  |
| Enddruck                                  | <i>total pressure</i>                                  | bar  | 6,0  |
| Differenzdruck                            | <i>difference pressure</i>                             | bar  | 6,0  |
| Viskosität                                | <i>viscosity</i>                                       | mm <sup>2</sup> /s                         | 12   |
| Drehzahl                                  | <i>revolution</i>                                      | 1/min                                      | 1380                                       |
| Temperatur                                | <i>temperature</i>                                     | °C   | 150  |
| Fördermenge*                              | <i>capacity*</i>                                       | l/min                                      | 5,0  |
|   |  | m <sup>3</sup> /h                          | 0,3  |
| Leistungsbedarf*                          | <i>power requirement*</i>                              | kW   | 0,10                                       |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | mWs / mWC                                  | 6,19                                       |
| NPSH erforderlich                         | <i>NPSH required</i>                                   | mWs / mWC                                  | 2,00                                       |
| Luftschallpegel Pumpe                     | <i>noise level pump</i>                                | dB (A)                                     | 47,7                                       |
| Drehmoment                                | <i>torque</i>  | Nm   | 0,7  |
| Wirkungsgrad gesamt                       | <i>efficiency (total)</i>                              | %  | 48,0                                       |
| Wirkungsgrad volumetrisch                 | <i>efficiency (volumetric)</i>                         | %  | 67,1                                       |
| Axialgeschwindigkeit                      | <i>axial velocity</i>                                  | m/s  | 0,7  |
| Massenträgheitsmoment                     | <i>moment of inertia</i>                               | kgm <sup>2</sup>                           | 0,0000122                                  |

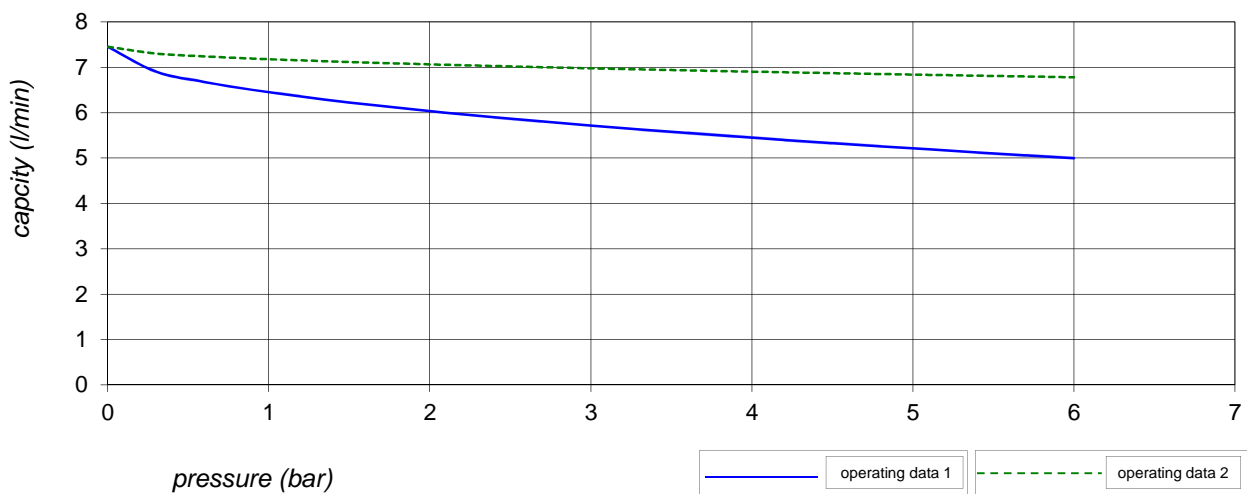
Leistungsbedarf\* *power required\**



Anlaufdrehmoment *starting torque*



Fördermenge\* *capacity\**



Änderungen vorbehalten! (03/2017) / subject to change (03/2017)

29.05.2018

jw

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\*Bautoleranzen nach VDMA 24284 - Toleranzgruppe II / \*Fabrication tolerances acc. VDMA 24284 - tolerance class II

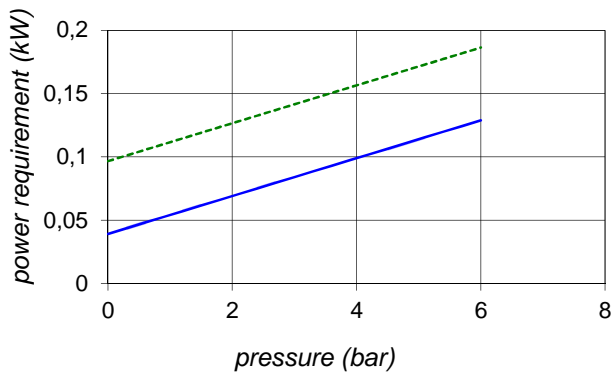


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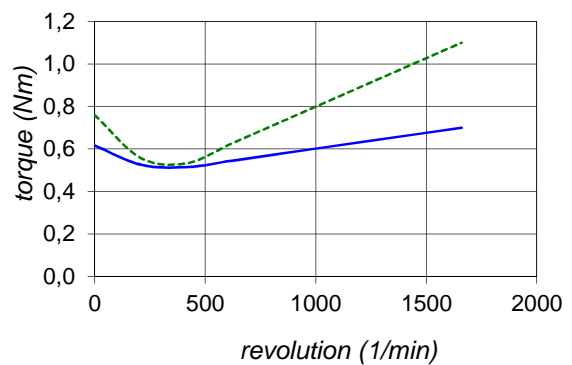
position no.:

| Leistungsdaten <i>performance data</i>    |  | Betriebsdaten 1<br><i>operating data 1</i> | Betriebsdaten 2<br><i>operating data 2</i> |
|---|--|--|--|
|   |  | Heizöl schwer / Heavy Fuel Oil             |  |
| Fördermedium                              | <i>medium</i>  | K  | K  |
| Baureihe                                  | <i>series</i>  | 7  | 7  |
| Pumpengröße                               | <i>size</i>  | 0,0  | 0,0  |
| Saugdruck                                 | <i>suction pressure</i>                                | bar  | 6,0  |
| Enddruck                                  | <i>total pressure</i>                                  | bar  | 6,0  |
| Differenzdruck                            | <i>difference pressure</i>                             | bar  | 6,0  |
| Viskosität                                | <i>viscosity</i>                                       | mm <sup>2</sup> /s                         | 12   |
| Drehzahl                                  | <i>revolution</i>                                      | 1/min                                      | 1660                                       |
| Temperatur                                | <i>temperature</i>                                     | °C   | 150  |
| Fördermenge*                              | <i>capacity*</i>                                       | l/min                                      | 6,5  |
|   |  | m <sup>3</sup> /h                          | 0,4  |
| Leistungsbedarf*                          | <i>power requirement*</i>                              | kW   | 0,13                                       |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | mWs / mWC                                  | 6,19                                       |
| NPSH erforderlich                         | <i>NPSH required</i>                                   | mWs / mWC                                  | 2,00                                       |
| Luftschallpegel Pumpe                     | <i>noise level pump</i>                                | dB (A)                                     | 48,3                                       |
| Drehmoment                                | <i>torque</i>  | Nm   | 0,7  |
| Wirkungsgrad gesamt                       | <i>efficiency (total)</i>                              | %  | 50,5                                       |
| Wirkungsgrad volumetrisch                 | <i>efficiency (volumetric)</i>                         | %  | 72,6                                       |
| Axialgeschwindigkeit                      | <i>axial velocity</i>                                  | m/s  | 0,8  |
| Massenträgheitsmoment                     | <i>moment of inertia</i>                               | kgm <sup>2</sup>                           | 0,0000122                                  |

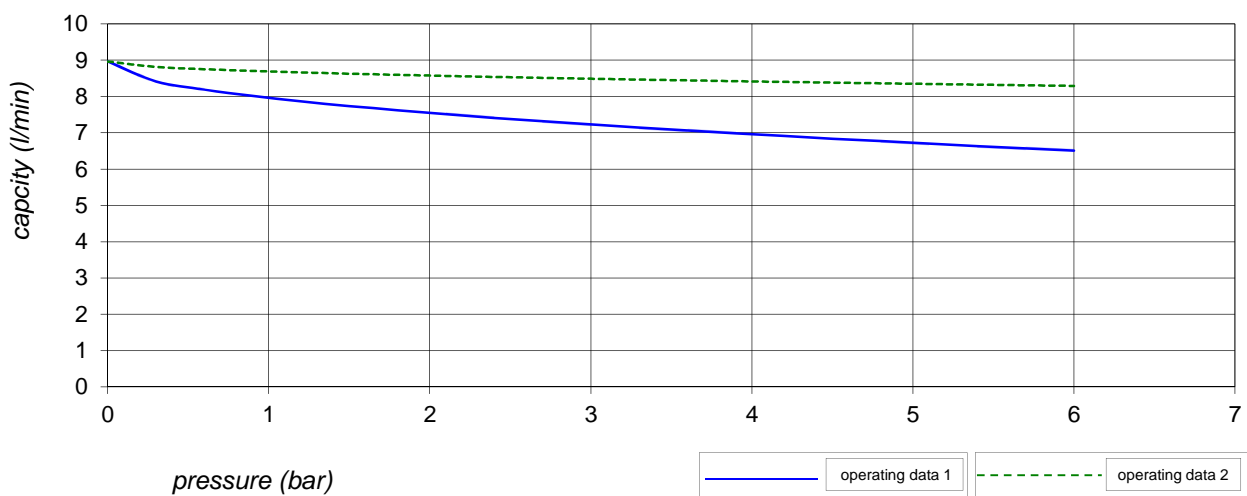
Leistungsbedarf\* *power required\**



Anlaufdrehmoment *starting torque*



Fördermenge\* *capacity\**



Änderungen vorbehalten! (03/2017) / subject to change (03/2017)

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