

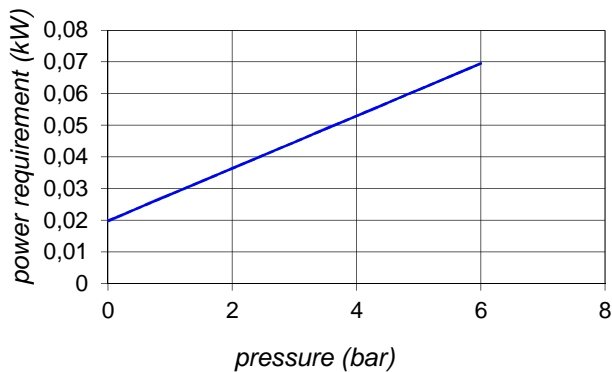


project no.:

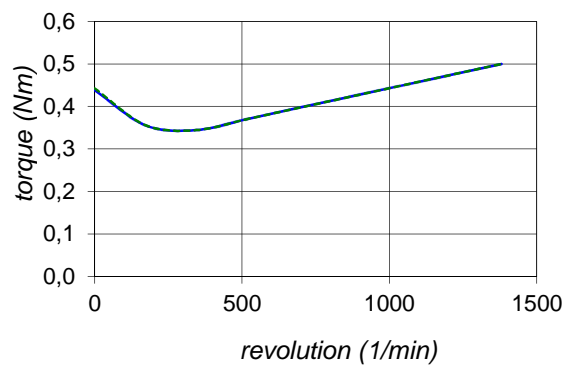
position no.:

| Leistungsdaten <i>performance data</i> | | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|-------------------------|--|--|
| | | | diesel oil | |
| Fördermedium | <i>medium</i> | | | |
| Baureihe | <i>series</i> | | | |
| Pumpengröße | <i>size</i> | | | |
| Saugdruck | <i>suction pressure</i> | <i>bar</i> | K 5 | K 5 |
| Enddruck | <i>total pressure</i> | <i>bar</i> | 0,0 | 0,0 |
| Differenzdruck | <i>difference pressure</i> | <i>bar</i> | 6,0 | 6,0 |
| Viskosität | <i>viscosity</i> | <i>mm²/s</i> | 6,0 | 6,0 |
| Drehzahl | <i>revolution</i> | <i>1/min</i> | 1,5 | 6 |
| Temperatur | <i>temperature</i> | <i>°C</i> | 1380 | 1380 |
| Fördermenge* | <i>capacity*</i> | <i>l/min</i> | 40 | 0 |
| | | <i>m³/h</i> | 0,9 | 2,6 |
| Leistungsbedarf* | <i>power requirement*</i> | <i>kW</i> | 0,1 | 0,2 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | <i>mWs / mWC</i> | 0,07 | 0,07 |
| NPSH erforderlich | <i>NPSH required</i> | <i>mWs / mWC</i> | 6,19 | 6,19 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | <i>dB (A)</i> | 2,00 | 2,00 |
| Drehmoment | <i>torque</i> | <i>Nm</i> | 46,1 | 46,1 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | <i>%</i> | 0,5 | 0,5 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | <i>%</i> | 12,4 | 36,8 |
| Axialgeschwindigkeit | <i>axial velocity</i> | <i>m/s</i> | 17,4 | 51,5 |
| Massenträgheitsmoment | <i>moment of inertia</i> | <i>kgm²</i> | 0,5 | 0,5 |
| | | | 0,0000122 | 0,0000122 |

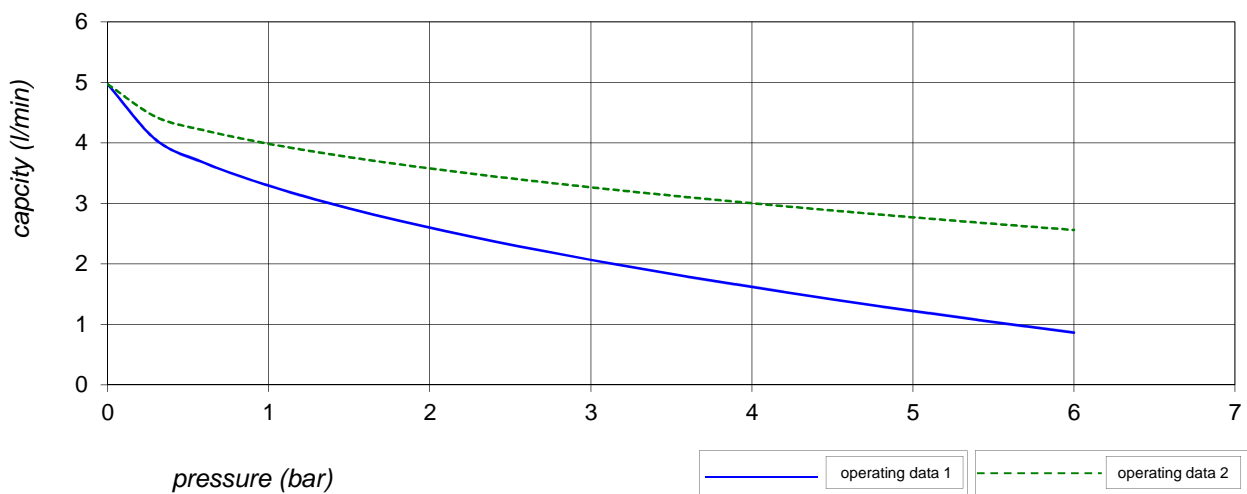
Leistungsbedarf* *power required**



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

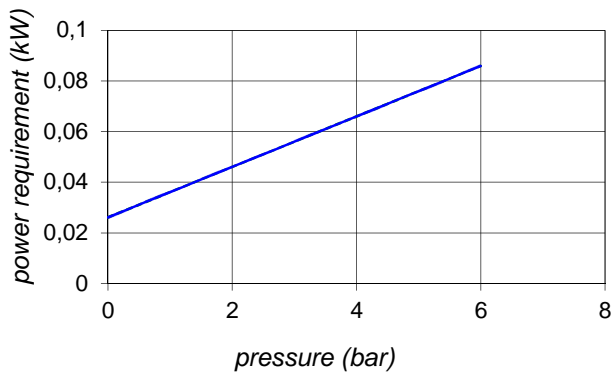


project no.:

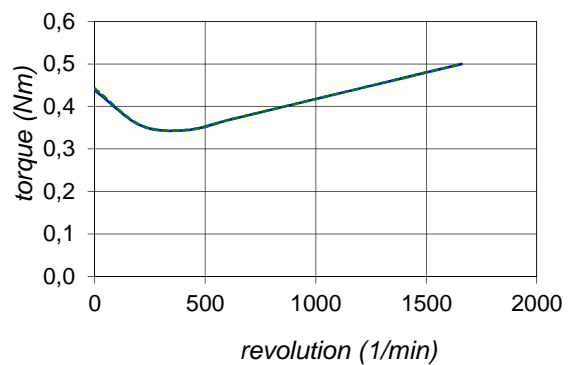
position no.:

| Leistungsdaten <i>performance data</i> | | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--------------------|--|--|
| | | | diesel oil | |
| Fördermedium | <i>medium</i> | | K | K |
| Baureihe | <i>series</i> | | 5 | 5 |
| Pumpengröße | <i>size</i> | | 5 | 5 |
| Saugdruck | <i>suction pressure</i> | bar | 0,0 | 0,0 |
| Enddruck | <i>total pressure</i> | bar | 6,0 | 6,0 |
| Differenzdruck | <i>difference pressure</i> | bar | 6,0 | 6,0 |
| Viskosität | <i>viscosity</i> | mm ² /s | 1,5 | 6 |
| Drehzahl | <i>revolution</i> | 1/min | 1660 | 1660 |
| Temperatur | <i>temperature</i> | °C | 40 | 0 |
| Fördermenge* | <i>capacity*</i> | l/min | 1,9 | 3,6 |
| | | m ³ /h | 0,1 | 0,2 |
| Leistungsbedarf* | <i>power requirement*</i> | kW | 0,09 | 0,09 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | mWs / mWC | 6,19 | 6,19 |
| NPSH erforderlich | <i>NPSH required</i> | mWs / mWC | 2,00 | 2,00 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | dB (A) | 46,7 | 46,7 |
| Drehmoment | <i>torque</i> | Nm | 0,5 | 0,5 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | % | 21,8 | 41,5 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | % | 31,3 | 59,7 |
| Axialgeschwindigkeit | <i>axial velocity</i> | m/s | 0,6 | 0,6 |
| Massenträgheitsmoment | <i>moment of inertia</i> | kgm ² | 0,0000122 | 0,0000122 |

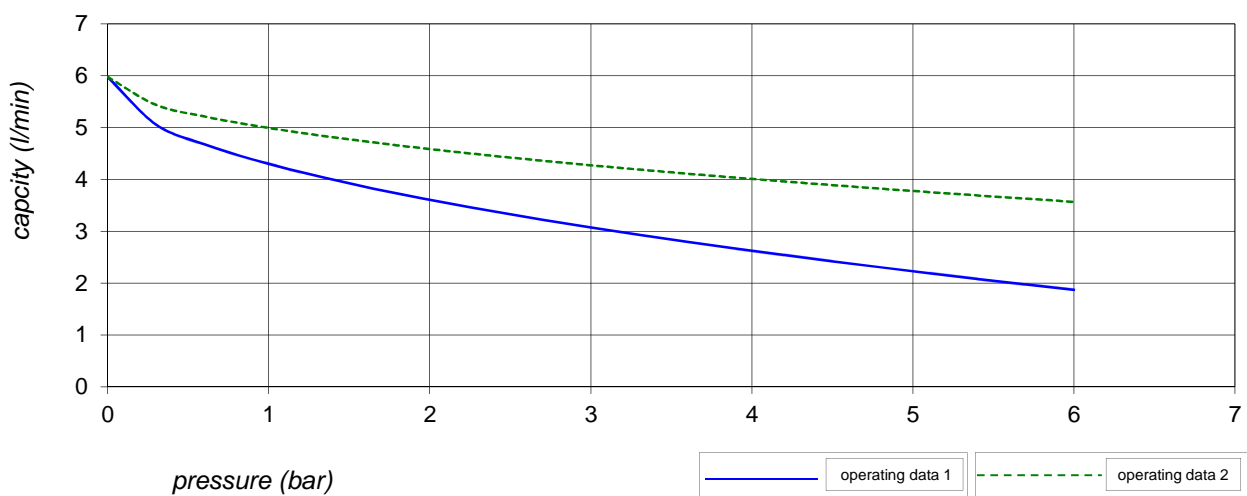
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



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

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