

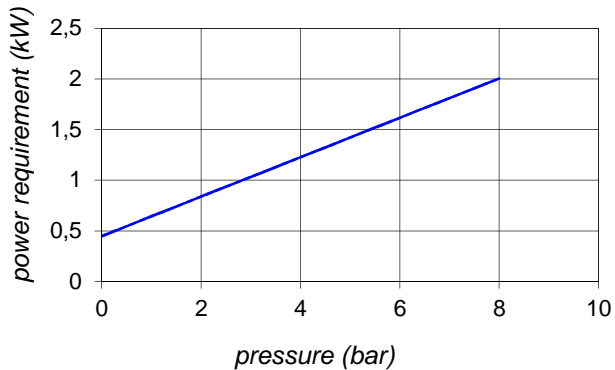


project no.:

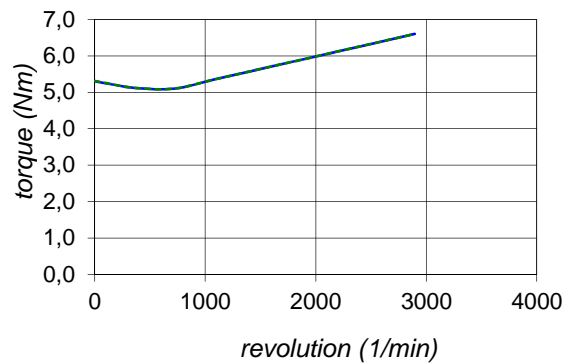
position no.:

| Leistungsdaten <i>performance data</i> | | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--------------------|--|--|
| | | | HEL/Marine Fuels ISO 8217:2017(E) | |
| Fördermedium | <i>medium</i> | | K | K |
| Baureihe | <i>series</i> | | 55 | 55 |
| Pumpengröße | <i>size</i> | | 0,0 | 0,0 |
| Saugdruck | <i>suction pressure</i> | bar | 8,0 | 8,0 |
| Enddruck | <i>total pressure</i> | bar | 8,0 | 8,0 |
| Differenzdruck | <i>difference pressure</i> | bar | 1,5 | 6 |
| Viskosität | <i>viscosity</i> | mm ² /s | 2895 | 2895 |
| Drehzahl | <i>revolution</i> | 1/min | 40 | 40 |
| Temperatur | <i>temperature</i> | °C | | |
| Fördermenge* | <i>capacity*</i> | l/min | 92,5 | 102,5 |
| | | m ³ /h | 5,6 | 6,2 |
| Leistungsbedarf* | <i>power requirement*</i> | kW | 2,00 | 2,00 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | mWs / mWC | 6,12 | 6,04 |
| NPSH erforderlich | <i>NPSH required</i> | mWs / mWC | 2,07 | 2,15 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | dB (A) | 59,2 | 59,2 |
| Drehmoment | <i>torque</i> | Nm | 6,6 | 6,6 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | % | 61,5 | 68,2 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | % | 79,2 | 87,8 |
| Axialgeschwindigkeit | <i>axial velocity</i> | m/s | 2,7 | 2,7 |
| Massenträgheitsmoment | <i>moment of inertia</i> | kgm ² | 0,0001645 | 0,0001645 |

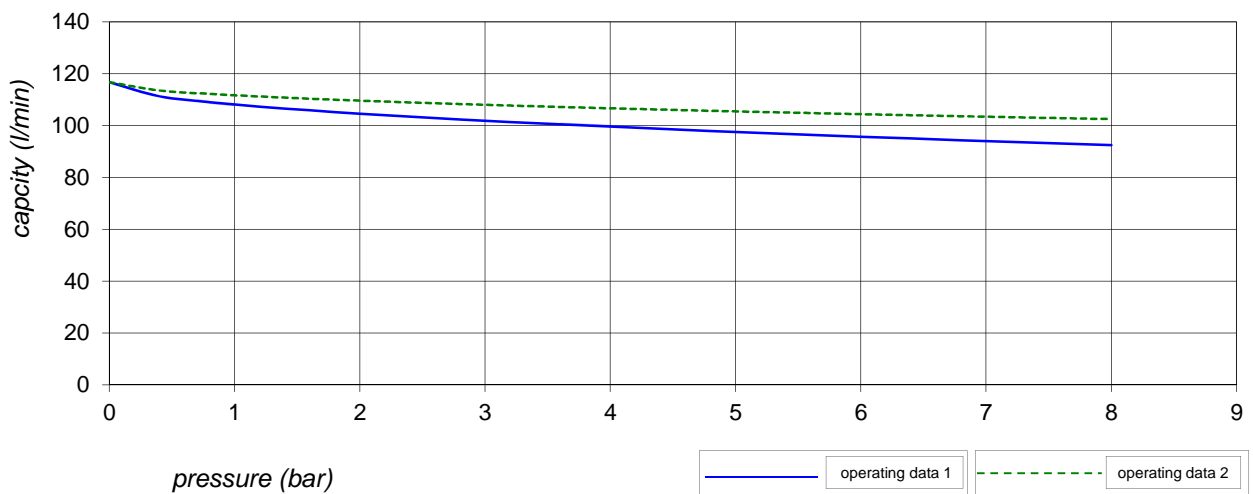
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



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

13.11.2017

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

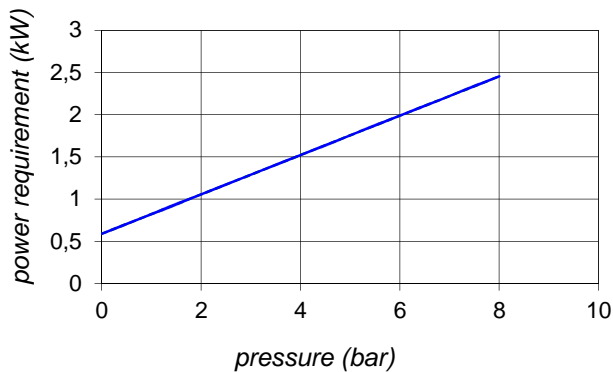


project no.:

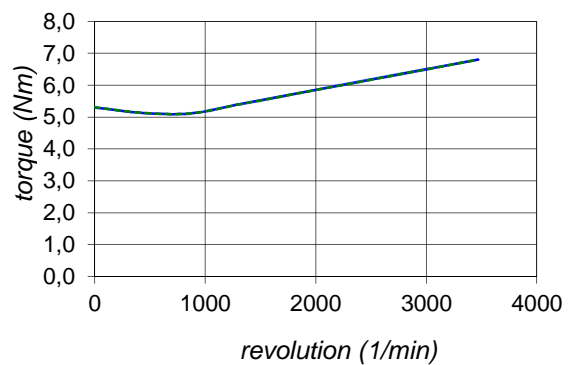
position no.:

| Leistungsdaten <i>performance data</i> | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--|--|
| | | HEL, Marine Fuels ISO 8217:2017(E) | |
| Fördermedium | <i>medium</i> | K | K |
| Baureihe | <i>series</i> | 55 | 55 |
| Pumpengröße | <i>size</i> | 0,0 | 0,0 |
| Saugdruck | <i>suction pressure</i> bar | 8,0 | 8,0 |
| Enddruck | <i>total pressure</i> bar | 8,0 | 8,0 |
| Differenzdruck | <i>difference pressure</i> bar | 1,5 | 6 |
| Viskosität | <i>viscosity</i> mm ² /s | 3470 | 3470 |
| Drehzahl | <i>revolution</i> 1/min | 40 | 40 |
| Temperatur | <i>temperature</i> °C | | |
| Fördermenge* | <i>capacity*</i> l/min | 115,7 | 125,7 |
| | m ³ /h | 6,9 | 7,5 |
| Leistungsbedarf* | <i>power requirement*</i> kW | 2,45 | 2,45 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> mWs / mWC | 5,86 | 5,77 |
| NPSH erforderlich | <i>NPSH required</i> mWs / mWC | 2,33 | 2,42 |
| Luftschallpegel Pumpe | <i>noise level pump</i> dB (A) | 60,3 | 60,3 |
| Drehmoment | <i>torque</i> Nm | 6,8 | 6,8 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> % | 62,9 | 68,3 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> % | 82,7 | 89,8 |
| Axialgeschwindigkeit | <i>axial velocity</i> m/s | 3,2 | 3,2 |
| Massenträgheitsmoment | <i>moment of inertia</i> kgm ² | 0,0001645 | 0,0001645 |

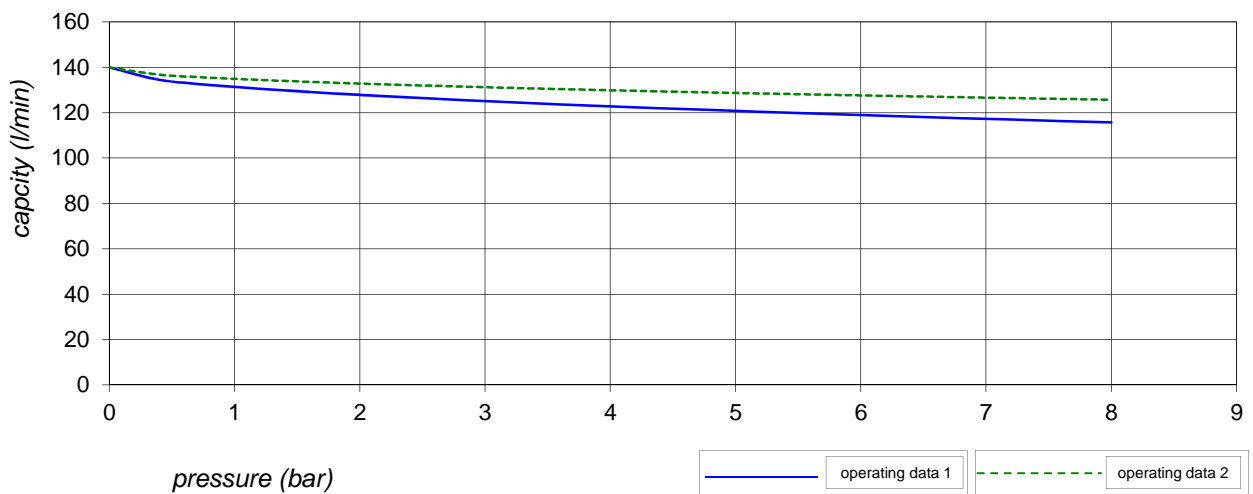
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



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

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