



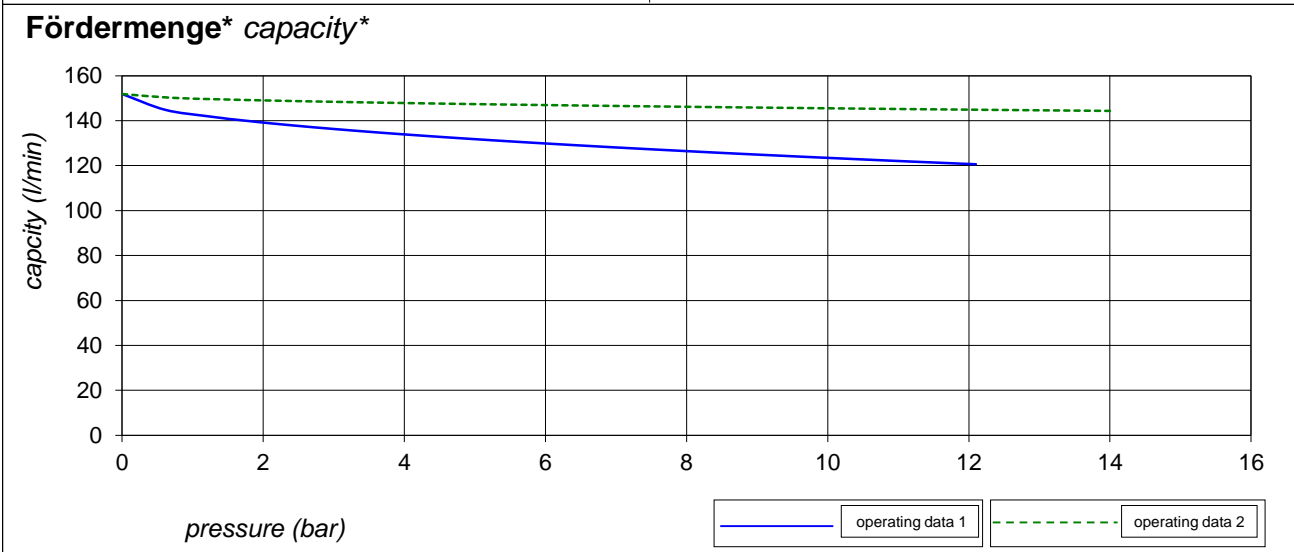
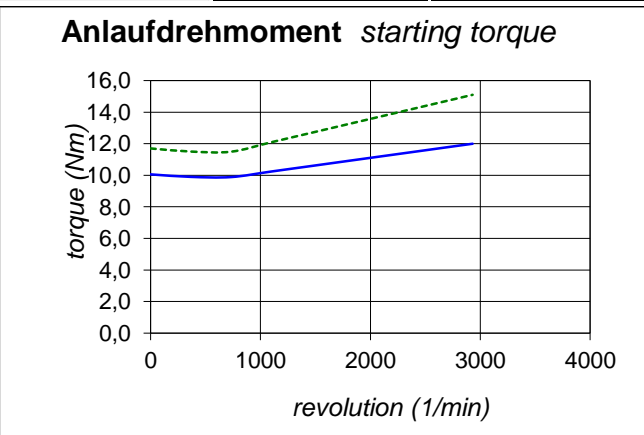
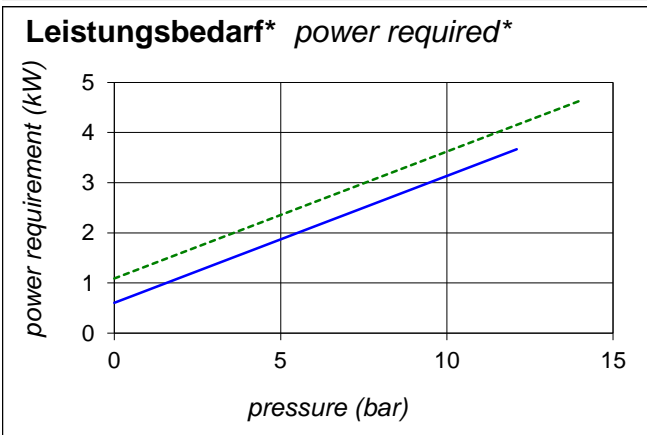
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| Besondere Betriebsbedingungen1: Standard |
| Special conditions1: Standard |
| Besondere Betriebsbedingungen2: Standard |
| Special conditions2: Standard |



project no.:

position no.:

| Leistungsdaten <i>performance data</i> | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--|--|
| | | Schmieröl / Lube Oil | |
| Fördermedium | <i>medium</i> | | |
| Baureihe | <i>series</i> | | |
| Pumpengröße | <i>size</i> | 74 | 74 |
| Saugdruck | <i>suction pressure</i> | 0,0 | |
| Enddruck | <i>total pressure</i> | 12,1 | 14,0 |
| Differenzdruck | <i>difference pressure</i> | 12,1 | 14,0 |
| Viskosität | <i>viscosity</i> | 2 | 68 |
| Drehzahl | <i>revolution</i> | 2930 | 2930 |
| Temperatur | <i>temperature</i> | 150 | 40 |
| Fördermenge* | <i>capacity*</i> | 120,6 | 144,4 |
| | | 7,2 | 8,7 |
| Leistungsbedarf* | <i>power requirement*</i> | 3,67 | 4,63 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | 5,70 | 5,12 |
| NPSH erforderlich | <i>NPSH required</i> | 2,50 | 3,07 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | 61,5 | 61,7 |
| Drehmoment | <i>torque</i> | 12,0 | 15,1 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | 66,3 | 72,7 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | 79,4 | 95,0 |
| Axialgeschwindigkeit | <i>axial velocity</i> | 3,5 | 3,5 |
| Massenträgheitsmoment | <i>moment of inertia</i> | 0,0001645 | 0,0001645 |



Änderungen vorbehalten! (01/2018) / subject to change (01/2018)

21.03.2018

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



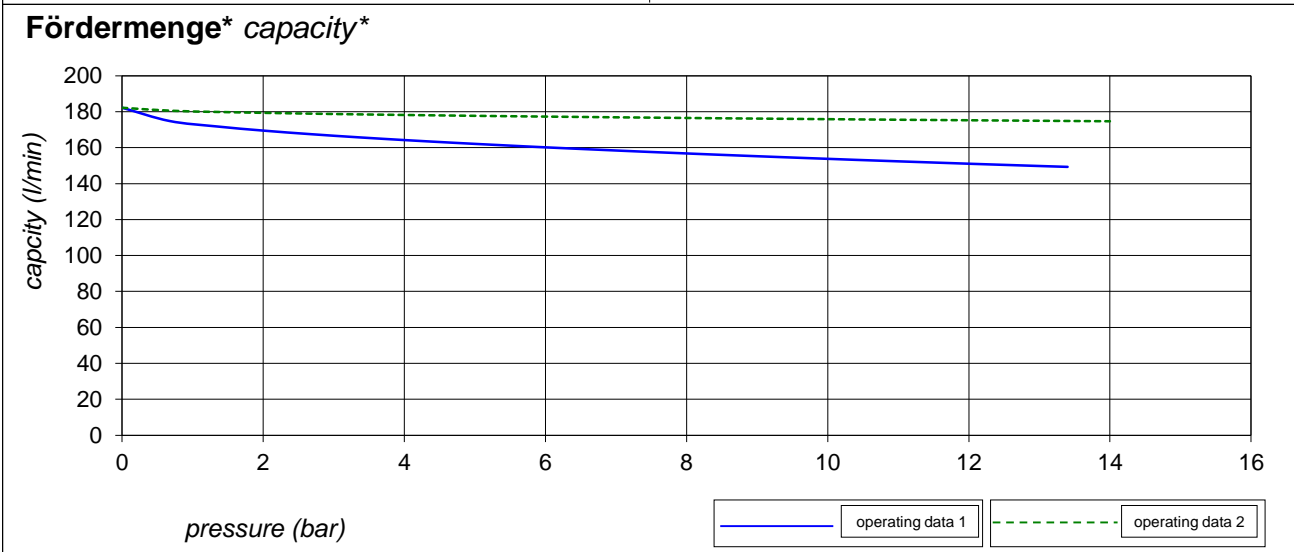
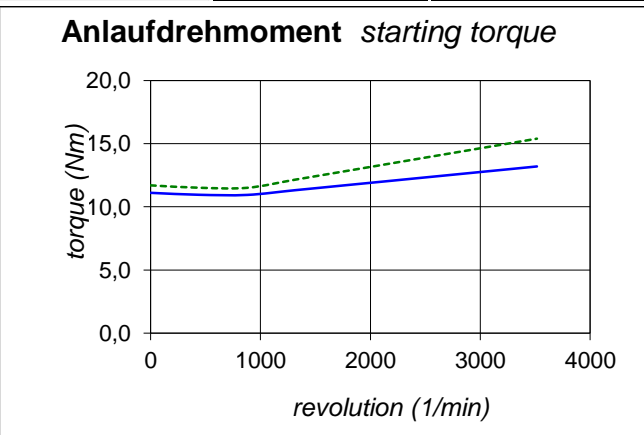
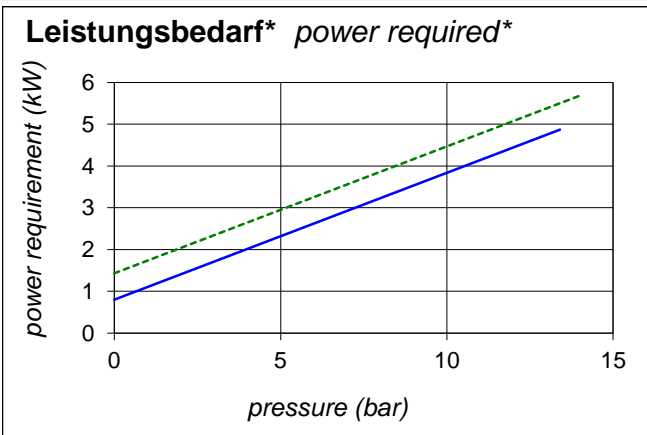
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| Besondere Betriebsbedingungen1: Standard |
| Special conditions1: Standard |
| Besondere Betriebsbedingungen2: Standard |
| Special conditions2: Standard |



project no.:

position no.:

| Leistungsdaten <i>performance data</i> | | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|------------------|--|--|
| Fördermedium | <i>medium</i> | | Schmieröl / Lube Oil | |
| Baureihe | <i>series</i> | | K | K |
| Pumpengröße | <i>size</i> | | 74 | 74 |
| Saugdruck | <i>suction pressure</i> | <i>bar</i> | 0,0 | |
| Enddruck | <i>total pressure</i> | <i>bar</i> | 13,4 | 14,0 |
| Differenzdruck | <i>difference pressure</i> | <i>bar</i> | 13,4 | 14,0 |
| Viskosität | <i>viscosity</i> | <i>mm²/s</i> | 2 | 68 |
| Drehzahl | <i>revolution</i> | <i>1/min</i> | 3515 | 3515 |
| Temperatur | <i>temperature</i> | <i>°C</i> | 150 | 40 |
| Fördermenge* | <i>capacity*</i> | <i>l/min</i> | 149,3 | 174,7 |
| | | <i>m³/h</i> | 9,0 | 10,5 |
| Leistungsbedarf* | <i>power requirement*</i> | <i>kW</i> | 4,87 | 5,68 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | <i>mWs / mWC</i> | 5,26 | 4,55 |
| NPSH erforderlich | <i>NPSH required</i> | <i>mWs / mWC</i> | 2,94 | 3,65 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | <i>dB (A)</i> | 62,8 | 62,8 |
| Drehmoment | <i>torque</i> | <i>Nm</i> | 13,2 | 15,4 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | <i>%</i> | 68,5 | 71,7 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | <i>%</i> | 81,9 | 95,9 |
| Axialgeschwindigkeit | <i>axial velocity</i> | <i>m/s</i> | 4,2 | 4,2 |
| Massenträgheitsmoment | <i>moment of inertia</i> | <i>kgm2</i> | 0,0001645 | 0,0001645 |



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