



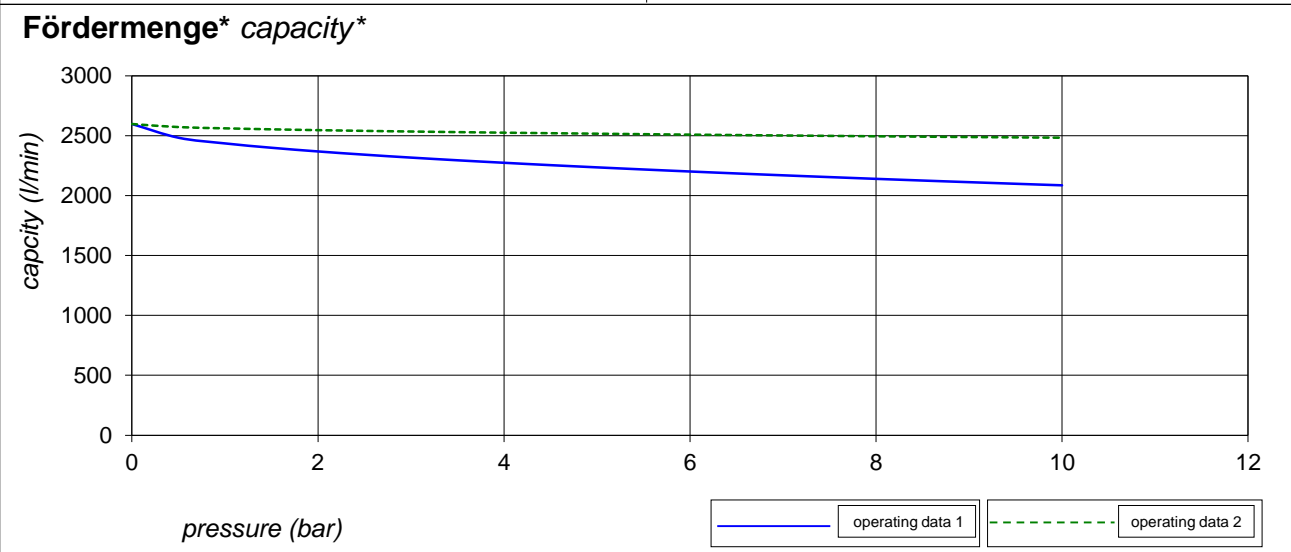
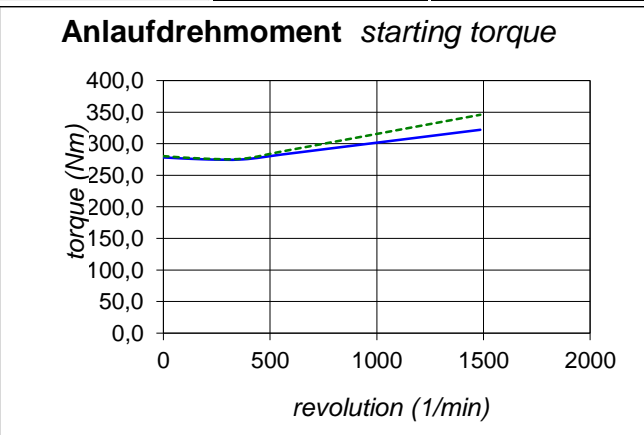
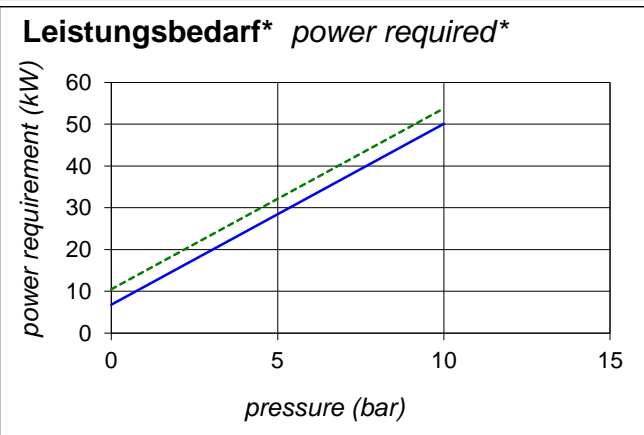
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| Besondere Betriebsbedingungen1: Standard |
| Special conditions1: Standard |
| Besondere Betriebsbedingungen2: Standard |
| Special conditions2: Standard |



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> | 2500 | 2500 |
| Saugdruck | <i>suction pressure</i> | 0,0 | |
| Enddruck | <i>total pressure</i> | 10,0 | 10,0 |
| Differenzdruck | <i>difference pressure</i> | 10,0 | 10,0 |
| Viskosität | <i>viscosity</i> | 2 | 68 |
| Drehzahl | <i>revolution</i> | 1485 | 1485 |
| Temperatur | <i>temperature</i> | 150 | 40 |
| Fördermenge* | <i>capacity*</i> | 2085,7 | 2483,0 |
| | | 125,1 | 149,0 |
| Leistungsbedarf* | <i>power requirement*</i> | 50,09 | 53,78 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | 3,99 | 2,87 |
| NPSH erforderlich | <i>NPSH required</i> | 4,20 | 5,32 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | 81,5 | 81,5 |
| Drehmoment | <i>torque</i> | 322,1 | 345,9 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | 69,4 | 76,9 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | 80,3 | 95,6 |
| Axialgeschwindigkeit | <i>axial velocity</i> | 5,7 | 5,7 |
| Massenträgheitsmoment | <i>moment of inertia</i> | 0,0174 | 0,0174 |



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



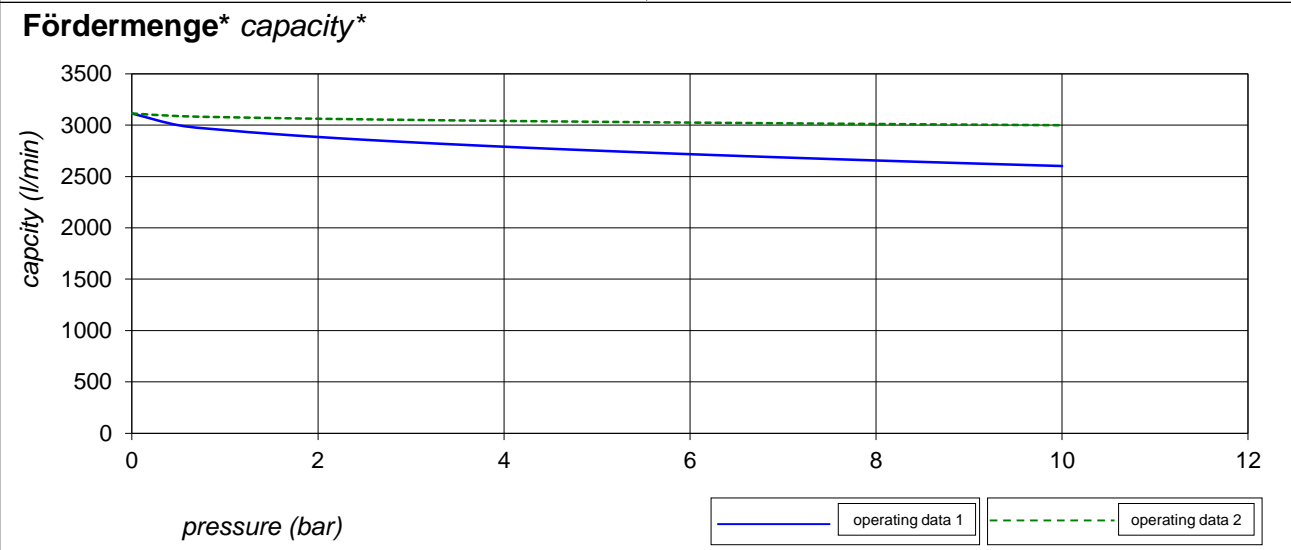
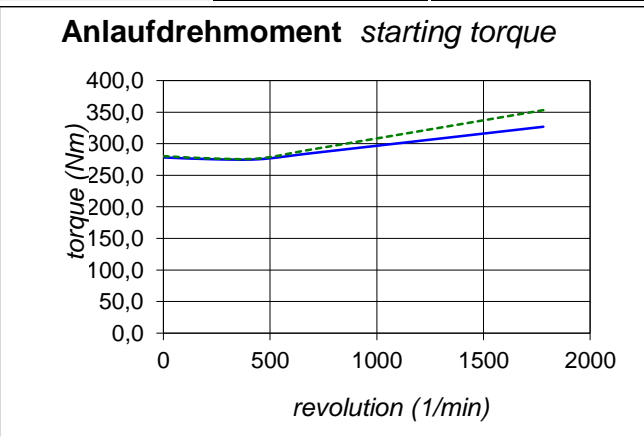
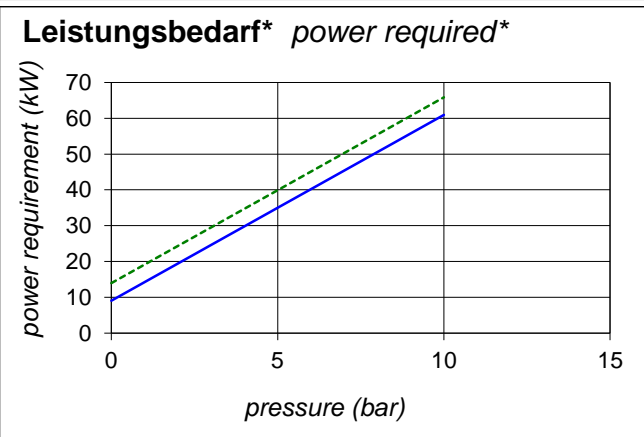
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| Besondere Betriebsbedingungen1: Standard |
| Special conditions1: Standard |
| Besondere Betriebsbedingungen2: Standard |
| Special conditions2: Standard |



project no.:

position no.:

| Leistungsdaten <i>performance data</i> | | Betriebsdaten 1 <i>operating data 1</i> | Betriebsdaten 2 <i>operating data 2</i> |
|---|--|--|--|
| | | Schmieröl / Lube Oil | |
| Fördermedium | <i>medium</i> | | |
| Baureihe | <i>series</i> | | |
| Pumpengröße | <i>size</i> | 2500 | 2500 |
| Saugdruck | <i>suction pressure</i> | 0,0 | |
| Enddruck | <i>total pressure</i> | 10,0 | 10,0 |
| Differenzdruck | <i>difference pressure</i> | 10,0 | 10,0 |
| Viskosität | <i>viscosity</i> | 2 | 68 |
| Drehzahl | <i>revolution</i> | 1780 | 1780 |
| Temperatur | <i>temperature</i> | 150 | 40 |
| Fördermenge* | <i>capacity*</i> | 2601,7 | 2999,0 |
| | | 156,1 | 179,9 |
| Leistungsbedarf* | <i>power requirement*</i> | 60,93 | 65,84 |
| max. zul. Druckverlust in der Saugleitung | <i>max allowed pressure drop in the suction piping</i> | 2,59 | 0,99 |
| NPSH erforderlich | <i>NPSH required</i> | 5,60 | 7,21 |
| Luftschallpegel Pumpe | <i>noise level pump</i> | 83,4 | 83,4 |
| Drehmoment | <i>torque</i> | 326,9 | 353,2 |
| Wirkungsgrad gesamt | <i>efficiency (total)</i> | 71,2 | 75,9 |
| Wirkungsgrad volumetrisch | <i>efficiency (volumetric)</i> | 83,6 | 96,3 |
| Axialgeschwindigkeit | <i>axial velocity</i> | 6,8 | 6,8 |
| Massenträgheitsmoment | <i>moment of inertia</i> | 0,0174 | 0,0174 |



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