

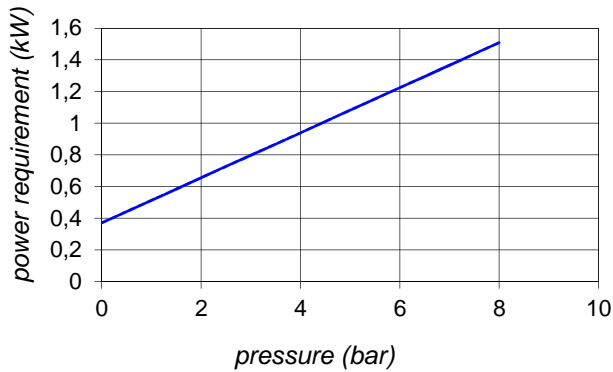


project no.:

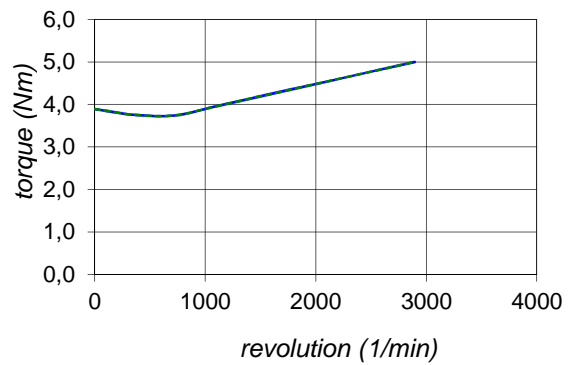
position no.:

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>		42	42
Pumpengröße	<i>size</i>		0,0	0,0
Saugdruck	<i>suction pressure</i>	<i>bar</i>	8,0	8,0
Enddruck	<i>total pressure</i>	<i>bar</i>	8,0	8,0
Differenzdruck	<i>difference pressure</i>	<i>bar</i>	1,5	6
Viskosität	<i>viscosity</i>	<i>mm²/s</i>	2895	2895
Drehzahl	<i>revolution</i>	<i>1/min</i>	40	40
Temperatur	<i>temperature</i>	<i>°C</i>		
Fördermenge*	<i>capacity*</i>	<i>l/min</i>	66,5	74,3
		<i>m³/h</i>	4,0	4,5
Leistungsbedarf*	<i>power requirement*</i>	<i>kW</i>	1,51	1,51
max. zul. Druckverlust in der Saugleitung	<i>max allowed pressure drop in the suction piping</i>	<i>mWs / mWC</i>	5,94	5,85
NPSH erforderlich	<i>NPSH required</i>	<i>mWs / mWC</i>	2,26	2,34
Luftschallpegel Pumpe	<i>noise level pump</i>	<i>dB (A)</i>	58,3	58,3
Drehmoment	<i>torque</i>	<i>Nm</i>	5,0	5
Wirkungsgrad gesamt	<i>efficiency (total)</i>	<i>%</i>	58,8	65,7
Wirkungsgrad volumetrisch	<i>efficiency (volumetric)</i>	<i>%</i>	77,9	87,0
Axialgeschwindigkeit	<i>axial velocity</i>	<i>m/s</i>	3,1	3,1
Massenträgheitsmoment	<i>moment of inertia</i>	<i>kgm²</i>	0,0000597	0,0000597

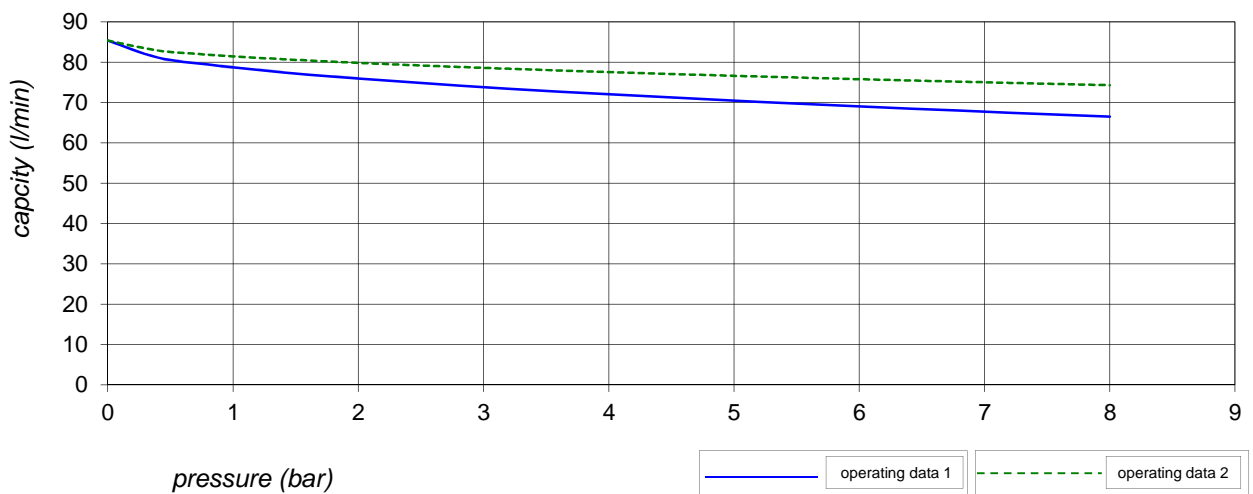
Leistungsbedarf* *power required**



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

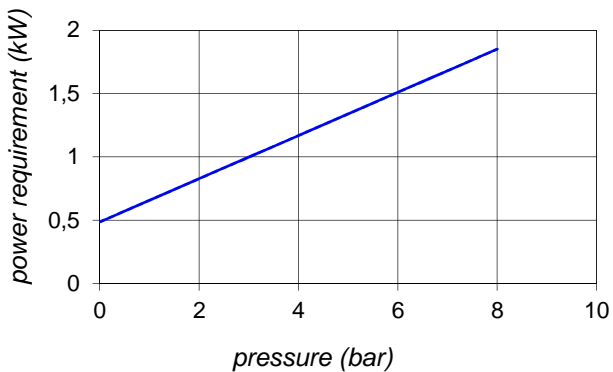


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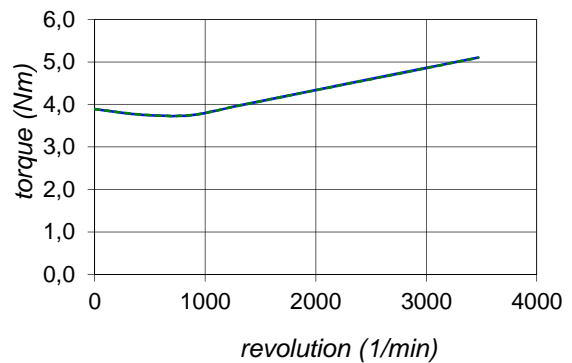
position no.:

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>	42	42
Pumpengröße	<i>size</i>	0,0	0,0
Saugdruck	<i>suction pressure</i>	bar	bar
Enddruck	<i>total pressure</i>	8,0	8,0
Differenzdruck	<i>difference pressure</i>	8,0	8,0
Viskosität	<i>viscosity</i>	mm ² /s	6
Drehzahl	<i>revolution</i>	1/min	3470
Temperatur	<i>temperature</i>	°C	40
Fördermenge*	<i>capacity*</i>	l/min	83,5
		m ³ /h	5,0
Leistungsbedarf*	<i>power requirement*</i>	kW	1,85
max. zul. Druckverlust in der Saugleitung	<i>max allowed pressure drop in the suction piping</i>	mWs / mWC	5,61
NPSH erforderlich	<i>NPSH required</i>	mWs / mWC	2,59
Luftschallpegel Pumpe	<i>noise level pump</i>	dB (A)	59,3
Drehmoment	<i>torque</i>	Nm	5,1
Wirkungsgrad gesamt	<i>efficiency (total)</i>	%	60,2
Wirkungsgrad volumetrisch	<i>efficiency (volumetric)</i>	%	81,6
Axialgeschwindigkeit	<i>axial velocity</i>	m/s	3,7
Massenträgheitsmoment	<i>moment of inertia</i>	kgm ²	0,0000597

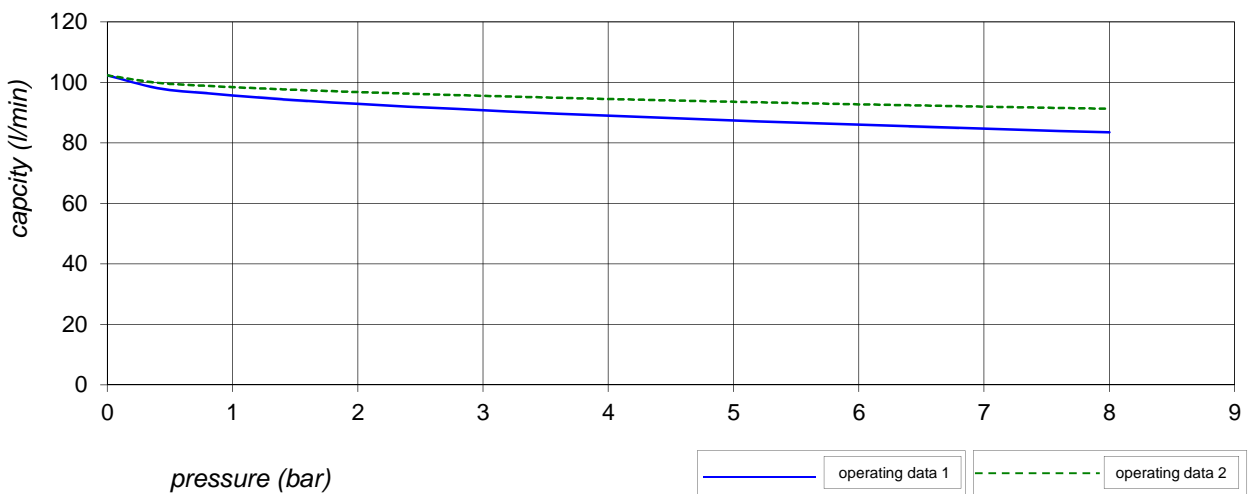
Leistungsbedarf* *power required**



Anlaufdrehmoment *starting torque*



Fördermenge* *capacity**



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

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