

## Triplex Plunger Pump K 40000 – 3G

P 50-1

01.05.2017

The K 40000 high-pressure pump fulfills a range of applications suited to hydraulics and jetting due to the pressures achieved. At 400 kW, these units are the optimal selection for HPU's, blowout preventers, pressure testing and large mobile jetting systems. Due to the pump head layout, the high-pressure pump accommodates pumped media with a viscosity of up to 2,000 centipoise and a fluid temperature of up to 200°C.



- Flow rate based upon 100% volumetric efficiency and 20°C ambient temperature
- Minimum inlet pressure depends on fluid medium
- Speed range 10-100% depending on rod force
- Gear dynamically balanced
- Gear with force-fed with oil cooler
- Standard gear ratios  $i = 3,39 - 4,05 - 4,76 - 5,25$
- Intermittent or continuous duty
- API 674 and ATEX versions available



$n_{nom} = 440$ 1/min		p max. bar @ kW				Head type		
Type	l/min	315 kW	330 kW	350 kW	400 kW	A	M	MC
K 40020 – 3G	58	2280	2870	3240	3500	1		
K 40022 – 3G	70	2050	2380	2680	3000	1		
K 40024 – 3G	83	1960	2000	2200	2500	1		
K 40026 – 3G	98	1670	1750	1900	2000	1		
K 40028 – 3G	114	1440	1510	1620	1820	1		
K 40030 – 3G	131	1300	1350	1440	1590	1		
K 40032 – 3G	149	1150	1200	1265	1400	1		
K 40036 – 3G	188	905	950	1000	1100	1		
K 40040 – 3G	232	755	780	810	900	1		H
K 40045 – 3G	294	595	625	640	705	1		H
K 40050 – 3G	363	455	480	505	560	1	1	H
K 40055 – 3G	439	375	395	420	465		1	1
K 40060 – 3G	523	315	330	350	390		1	1
K 40065 – 3G	613	270	285	300	330		1	1
K 40070 – 3G	711	230	245	260	285		1	1
K 40075 – 3G	816	200	210	225	250			1
K 40080 – 3G	928	180	185	195	225			1
K 40085 – 3G	1049	160	165	175	195			1
K 40090 – 3G	1175	140	150	155	175			1
K 40095 – 3G	1310	125	130	140	155			1

API 674 = max. 290 1/min

= Ultra High Pressure UHP

Dimensional Drawing K 40000 – 3G ~ 1360 kg P 50-2  
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