

Offer no.

**Description**

Pump type **SKD.5.03.1.1111** 4 kW 400 V  
Speed 1500 1/min  
Kind Self-priming pump, material execution: cast iron

**Required duty point**

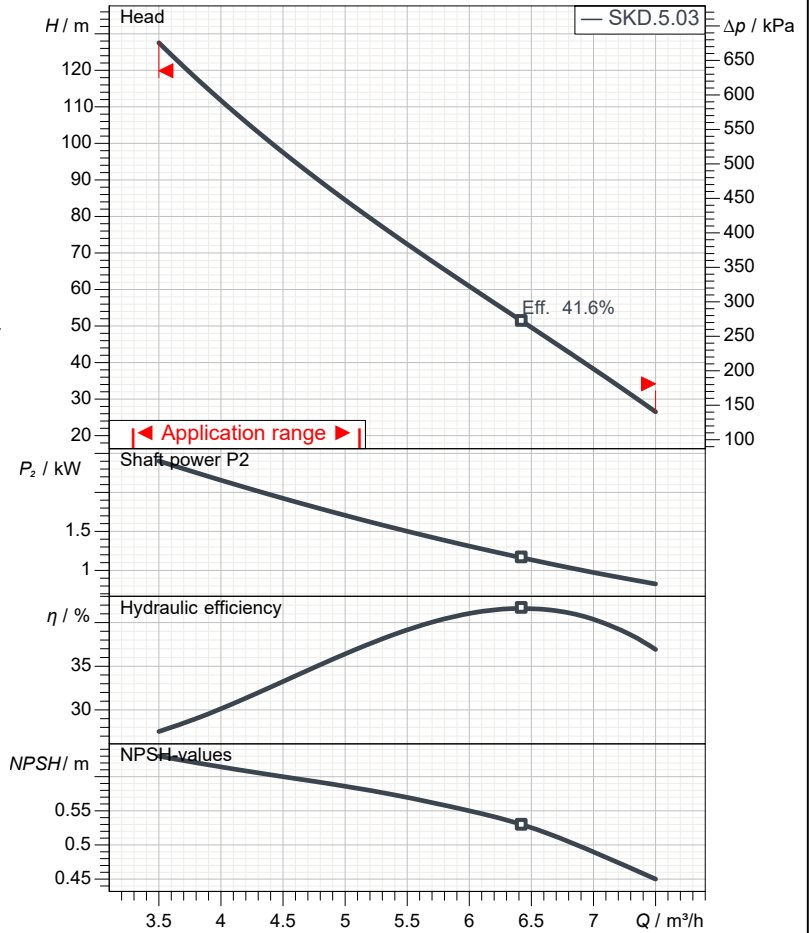
Capacity  
Head  
Fluid LPG  
Liquid temperature 20 °C  
SG liquid 540 kg/m<sup>3</sup>  
Viscosity 0.3 mm<sup>2</sup>/s

**Pump duty point**

Capacity  
Head  
Shaft power P<sub>2</sub>  
Hydraulic efficiency  
NPSHr  
Max. capacity 7.5 m<sup>3</sup>/h  
Max. delivery head 127.5 m

**Motor**

Design 112M4D 4kW  
Power 4 kW  
Electric voltage 400 V  
Frequency 50 Hz  
Speed 1452 1/min  
Mechanical size 112M4D  
Rated current 8.2 A  
Moment of inertia 0.01383 kg m<sup>2</sup>  
Efficiency 88.6 %  
Power factor 0.8  
Operating mode Continuous operations  
Starting mode DOL  
Insulation class F  
Efficiency classification IE3 = Premium Efficiency  
Acoustic pressure level 54 dB  
Type of protection IP 55  
Number of poles 4  
Motor frame size IM B3  
Explosion-proof feature not applicable



Tolerance of parameters acc. to standard ISO 9906:2012 p. 4.4.2

**Technical data**

Mass 119.5 kg  
Shaft seals 1111 Single mechanical seal ANGA type V for liquids with temp.: -30oC ÷ +70oC  
Operate pressure  
Connection Flange connection  
Suction port DN 50 PN 40  
Discharge size DN 40 PN 40

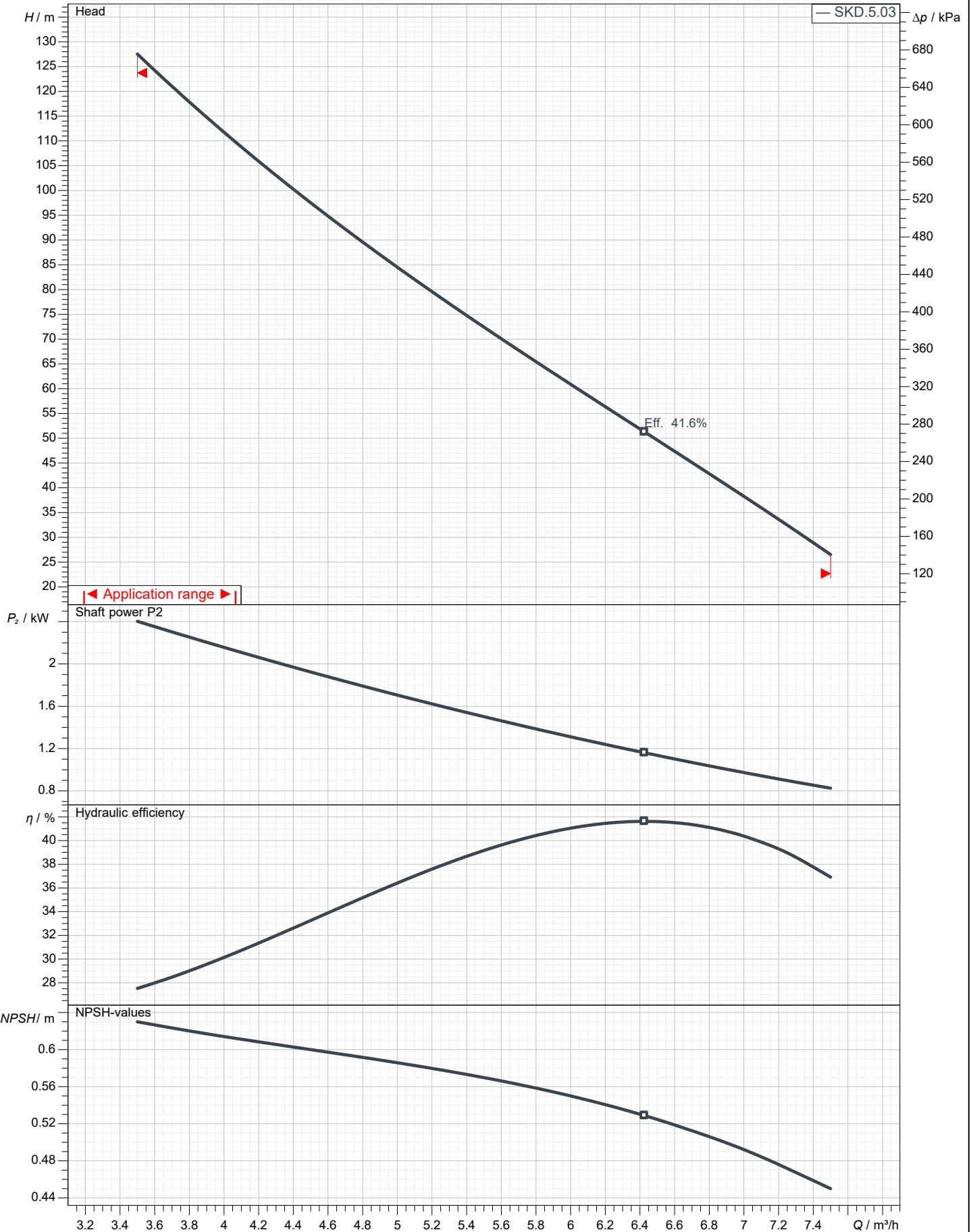
**Materials**

Material execution "1"  
Shaft Stainless steel AISI 420 (1.4021)  
Impeller Tin bronze CuSn10P (B 101)  
Centrifugal impeller Brass CC761S (MK80)  
Diffuser Gray cast iron GG25  
Suction casing Gray cast iron GG25  
Discharge casing Gray cast iron GG25  
Bearing housing Gray cast iron GG25  
Seal housing Gray cast iron GG25  
Suction member Gray cast iron GG25  
Pressure member Gray cast iron GG25  
Suction-pressure member Gray cast iron GG25  
Connection screw Carbon steel AISI 1045 (1.0503)

**Remark**

Pumping liquids contaminated with non-abrasive solids with size up to 0,5 mm in vestigal volumes is permissible

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Dimensions / drawings

Designation	mm
A	945
b	185
B	186
b <sub>1</sub>	145
B1	325
C	200
C1	610
d	24
D	162
d <sub>0</sub>	18
D <sub>0</sub>	110
D1	300
DN	40
DNs	50
Dz	145
e	125
f	165
h	132
H	332
i	8
k	140
l	40
L	962
l <sub>1</sub>	345
l <sub>2</sub>	377
l <sub>3</sub>	422
m	211
m <sub>h</sub>	82
o	0
s	0
t	27
u	8

