

Offer no.

**Description**

Pump type **SKD.2.08.1.1111** 0.75 kW 400 V  
Speed 1500 1/min  
Kind Self-priming pump, material execution: cast iron

**Required duty point**

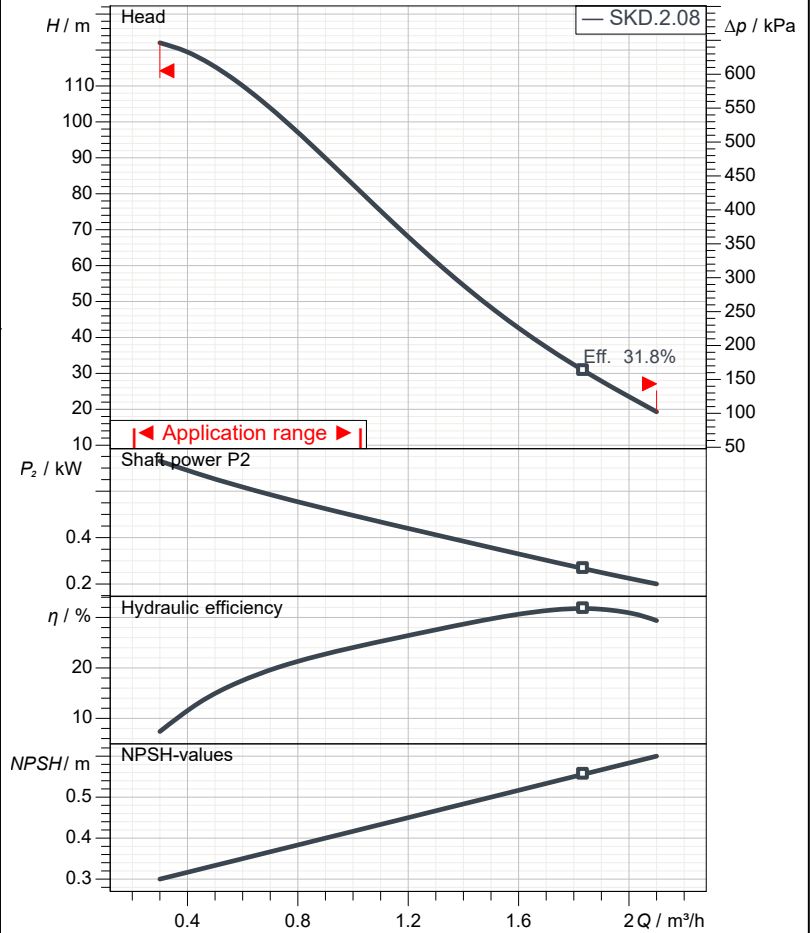
Capacity  
Head  
Fluid lpg  
Liquid temperature 20 °C  
SG liquid 540 kg/m<sup>3</sup>  
Viscosity 0.0003 mm<sup>2</sup>/s

**Pump duty point**

Capacity  
Head  
Shaft power P<sub>2</sub>  
Hydraulic efficiency  
NPSHr  
Max. capacity 2.1 m<sup>3</sup>/h  
Max. delivery head 122 m

**Motor**

Design 80M4C 0.75kW  
Power 0.75 kW  
Electric voltage 400 V  
Frequency 50 Hz  
Speed 1440 1/min  
Mechanical size 80M4C  
Rated current 1.8 A  
Moment of inertia 0.00216 kg m<sup>2</sup>  
Efficiency 79.6 %  
Power factor 0.76  
Operating mode Continuous operations  
Starting mode DOL  
Insulation class F  
Efficiency classification IE2 = High Efficiency  
Acoustic pressure level 49 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 48.4 kg  
Shaft seals 1111 Single mechanical seal ANGA type V for liquids with temp.: -30oC ÷ +70oC  
Operate pressure  
Connection Flange connection  
Suction port DN 32 PN 40  
Discharge size DN 25 PN 40

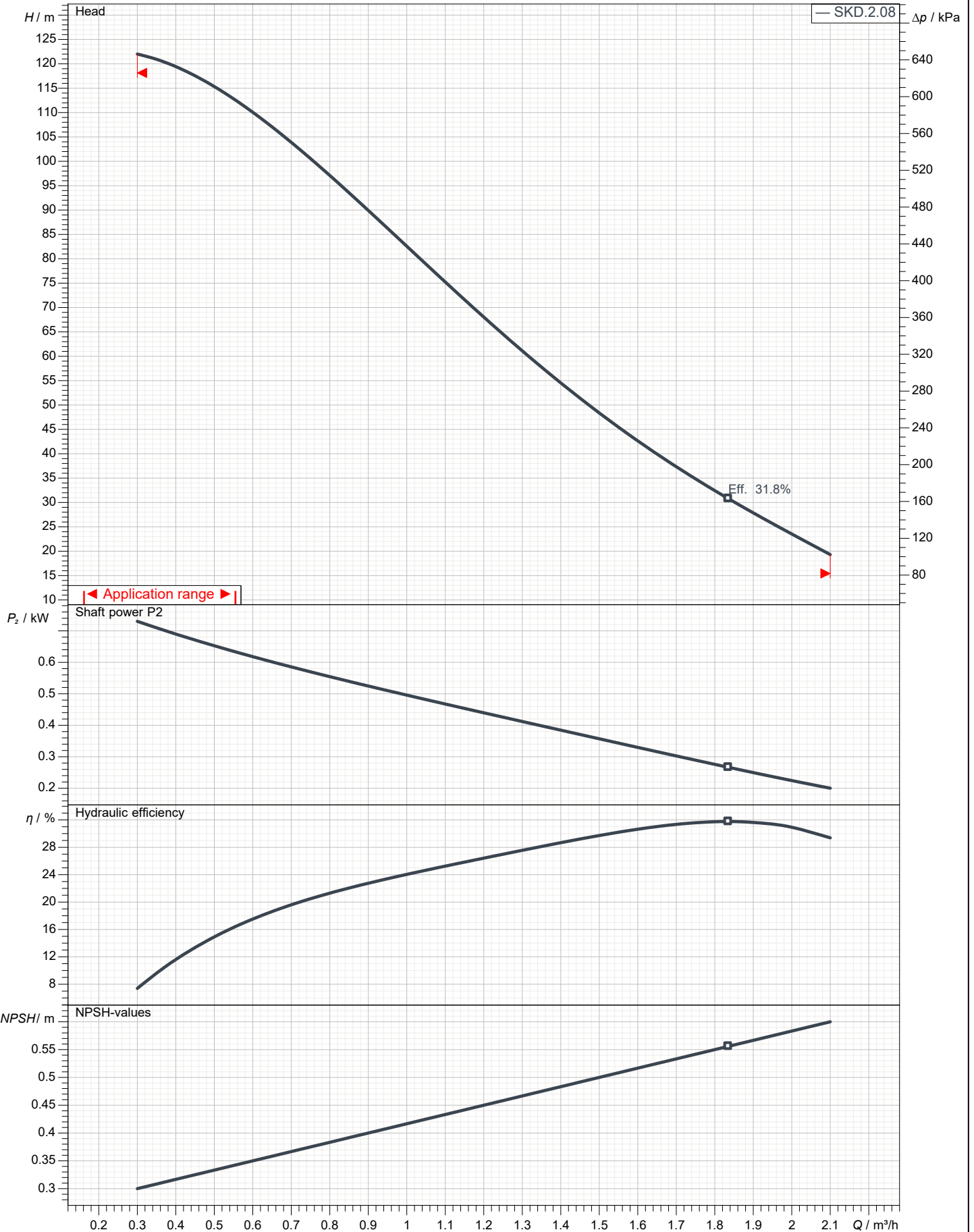
**Materials**

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 vestigial volumes is permissible

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Dimensions / drawings

Designation	mm
b	120
b <sub>1</sub>	90
d	14
d <sub>0</sub>	14
D <sub>0</sub>	85
DN	25
DNs	32
Dz	115
e	100
f	140
g	18
h	90
H	215
i	4
k	90
l	28
L	808
l <sub>1</sub>	360
l <sub>2</sub>	382
l <sub>3</sub>	421
m	175
m <sub>h</sub>	77
o	0
s	0
t	16
u	5

