Data Sheet Submersible Pump
A2IE2-GG3 + A01M-10

Project / Date:
Customer:
Job No. / Order No.:
Pump Title:

Hydraulic

Suction Nozzle:	**DN50**
Discharge Nozzle:	**G2"**
Type:	**A02Q**
Regulable:	**no**
Impeller:	**E**
Free passage:	**50 mm**
Inspection cover:	**no**

Motor

Type Hidrostal:	**A2IE2 - Compact**
Nominal Rating Pn:	**1,8**
Voltage / Frequency:	**400 V / 50 Hz**
Speed:	**2760 rpm**
Nom. Current / Cos. Phi:	**4.2 A / 0.83**
Starting Current IA/IN:	
Winding Protection:	
Starting Method:	**Direct**
Cable length:	**10 m**
Cable details:	**4x1.5mm2, Ø 10.1mm, EPR/PUR**
Screened Cable:	**no**
Ex-Proof:	**no**
Enclosure:	**IP 68**
Insulation:	**F**
Fly Wheel:	**no**
Insulated Roller Bearings:	**no**
Oil volume:	**0,25 l**

Material of Hydraulic

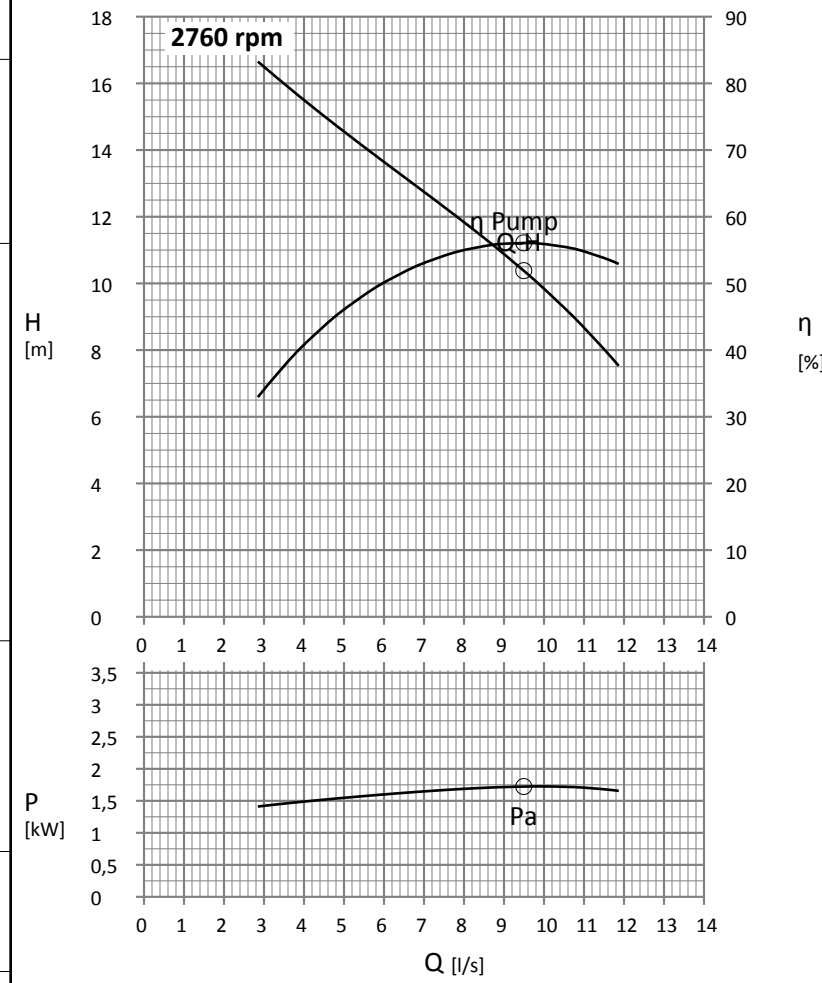
Volute Casing:	**0.6025 (GG25)**
Impeller:	**0.7060 (GGG60)**
Liner:	**0.6025 (GG25)**
Back Cone:	**0.6025 (GG25)**
Shaft:	**1.4021 (X20Cr13)**
Seal motorside:	**22,23 mm / C-Type - Cer/C**
Seal pumpside:	**15,9 mm / G-Type - SC**
O-Rings:	**Nitril**

Instrumentation

Moisture probe:	**no**
Float Switch:	**no**
Bearing Temp. Probe:	**no**
Temperature probe:	**no**

Miscellaneous

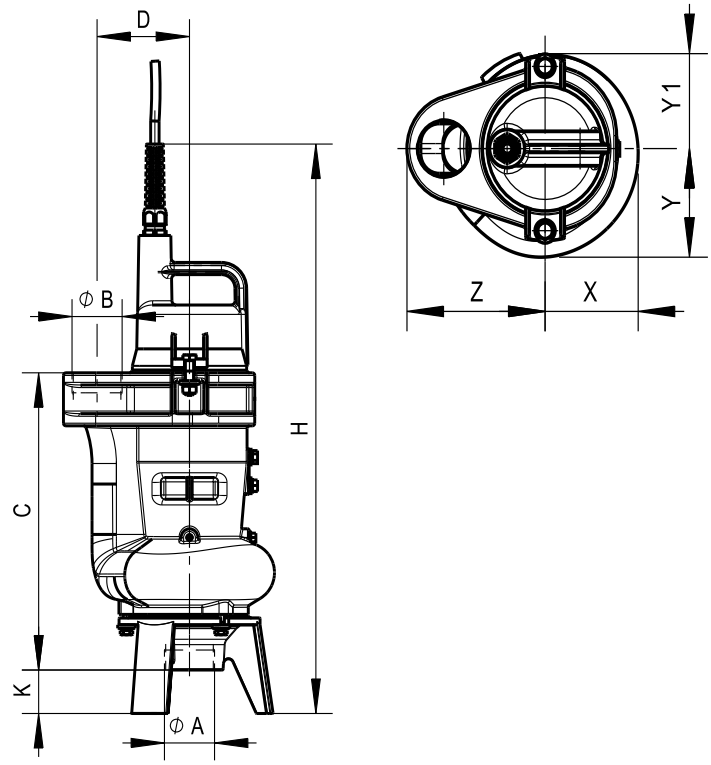
Pump Weight (estimated)	**31 kg**
Painting:	**Standard Painting**
Paint Thickness:	**150µm, Standard RAL 5010**



Note Mechanical seals friction losses are included in motor efficiency data. Testing according to ISO 9906:2012-3B

Drawing dimensions

A	**DN50**
B	**G2"**
C	**313 mm**
D	**110 mm**
H	**564 mm**
K	
X	**100 mm**
Y	**110 mm**
Y1	**100 mm**
Z	**150 mm**



Subject to change without prior notice

Drawing does not always show the exact pump design.