



Technical Data

Project Name : Untitled project 2021-06-04 10:13:37.647

Project ID :

Company Name :
Department :
Phone number :
e-mail address :

Requested Data

Flow :
Head :
Inlet Pressure : 0 bar

Fluid : Water
Density : 0.9983 kg/dm³
Viscosity : 1.005 cSt
Temperature : 20 °C

Pump

Operating Data

Pump Model : SN-EL180-GD-6AG
Inlet / Outlet size : 100
Speed : 980 1/min
Direction of Rotation : Clockwise from the drive end
Impeller type : Closed
Impeller Diameter : 438 mm
Min.Impeller Diameter : 438 mm
Max.Impeller Diameter : 438 mm
Maximum Solid Size : 35 mm
Pump Weight (Approx) : 558 kg
Pump Standard :

Flow :
Head :
Shutoff Head : 29.98 m
Shaft Power (BkW) :
End of Power curve : 14.7 kW
Efficiency :
NPSHr Value :
Moment of Inertia :
Operating Pressure :
Maximum Allowable Pressure : 2.936 bar
Minimum Continuous Flow : 39.96 m³/h

Motor

Frequency : 50 Hz
Phase : 3~
Rated Voltage : 415 V
Rated current :
Rated Power P2 : 18 kW

Speed : 950 1/min
Degree of Protection :
Insulation Class :
Frame size :
Efficiency Class : IE2 = High Efficiency

Material of Construction

Flange Connections

Motor body : C.I FG 260 WITH 0.3Cu 0.3Ni 0.3Mn
Bearing Flange : C.I FG 260 WITH 0.3Cu 0.3Ni 0.3Mn
Pump Flange : C.I FG 260 WITH 0.3Cu 0.3Ni 0.3Mn
Shaft : AISI 9840 390 Ni Cr Mo3
Casing : HI-CHROME 28%
Impeller : HI-CHROME 28%
Shaft seal : DOUBLE MECHANICAL SEAL

Suction Flange
Pressure rating :
Nominal pipe size :
Standard :
Discharge Flange
Pressure rating :
Nominal pipe size : DN 100
Standard : DIN



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Performance Curve

Pump Model
SN-EL180-GD-6AG

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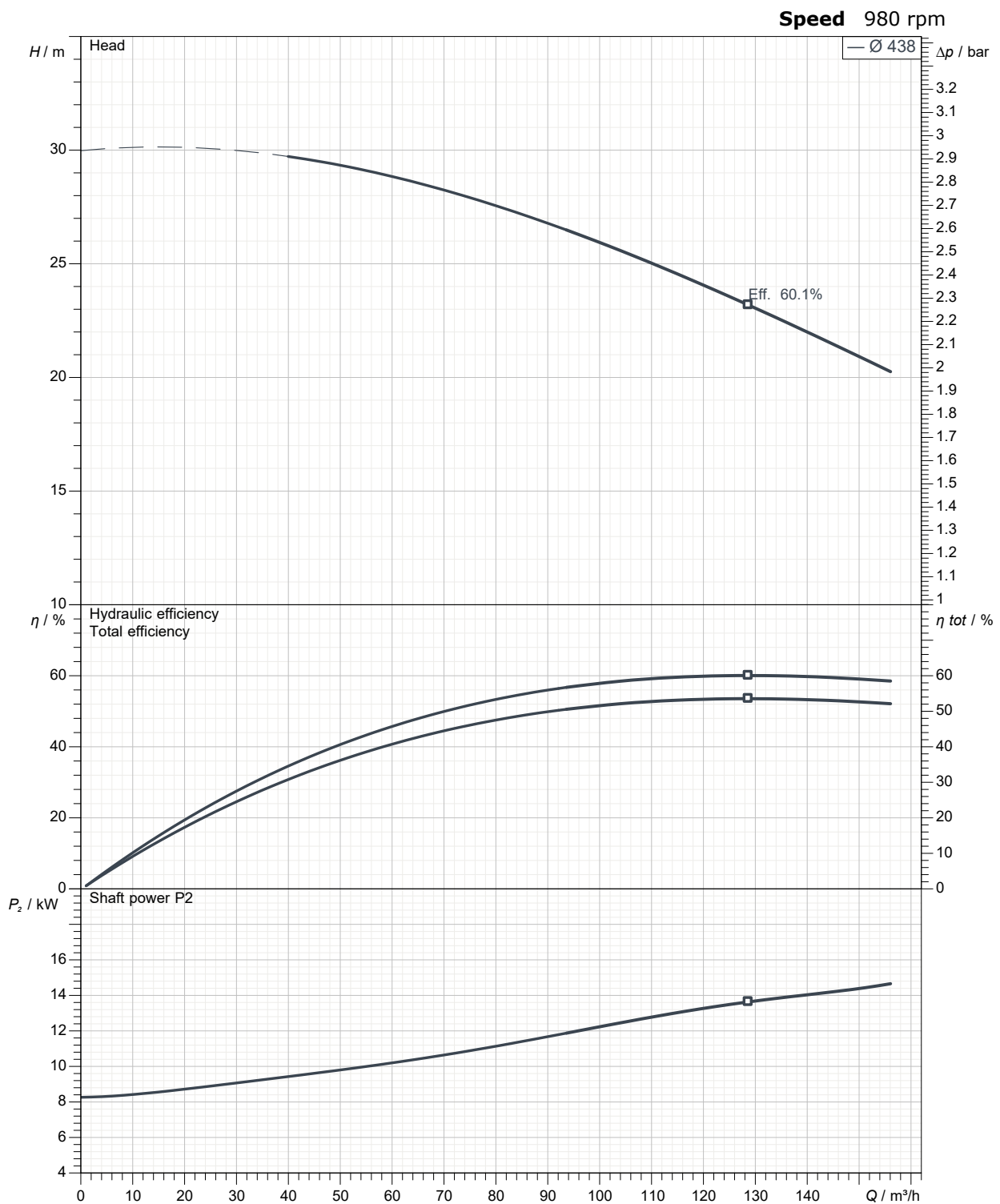
Company Name :

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Curve Tolerance





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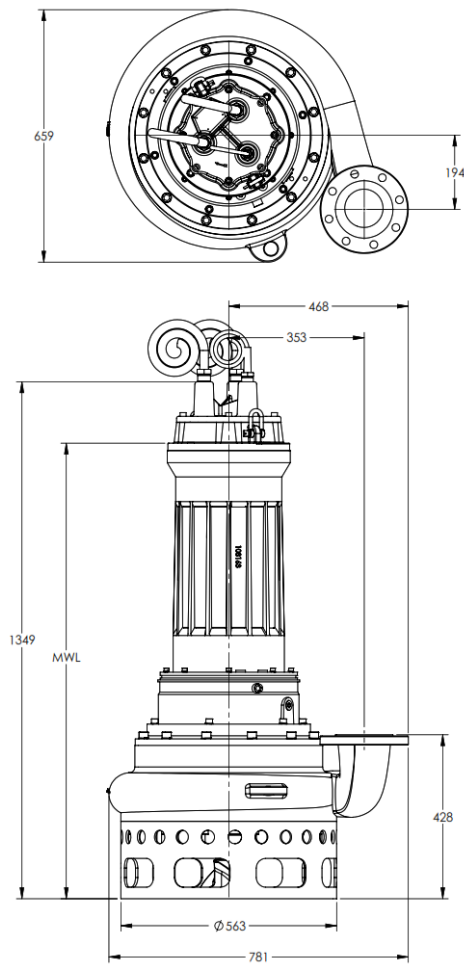
Dimensional Drawing

Pump Model
SN-EL180-GD-6AG

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In View of continuous developments, The information/specifications/Description/ Illustrations are subject to change without notice.

Dimensions in mm

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