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Customer no.	Project no.	Date	16/11/2012
Contact	Position	SERIES A, AX	
Care of	Location		

AX 12-3 11 5819.0150
 Variable speed Mini Energy Pump

Requested data

Flow	0 m³/h
Head	0 m
Fluid	Water, pure
Temperature	20 °C
Working pressure	1000 kPa

Operating data

Flow	
Head	
Speed stages	
Power input P1	
Permitted working pressure	1000 kPa
Min. fluid temperature	15 °C
Max. fluid temperature	110 °C

Required working pressure
 Values are valid for hot water,
 Altitude 500m above sea level.
 Changing of required working pressure at +/- 0.01bar
 per +/- 100m altitude above sea level.

75 °C	90 °C	110 °C
5 kPa	30 kPa	110 kPa

Pump data

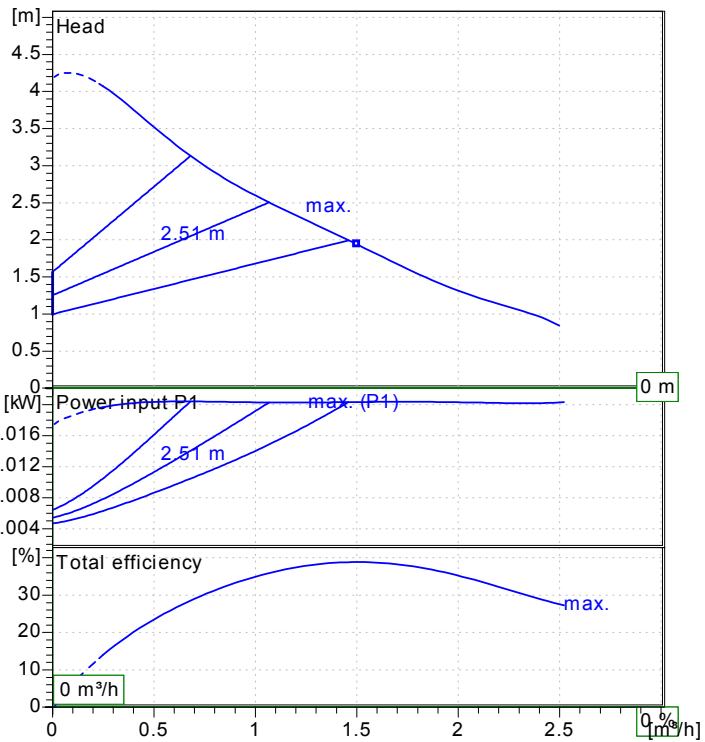
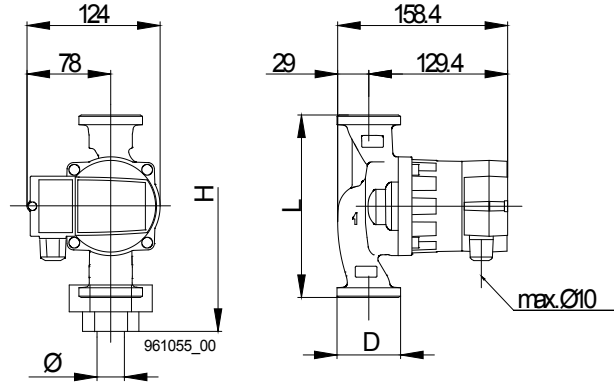
Installation dimension	1½" x 130
Rated voltage	1~230 V 50
Rated current	0.19 A
Rated power P2	0.022 kW
Insulation class	F
Degree of protection	IP 44

**Short-circuit-proof motor doesn't
 required overload protection.**

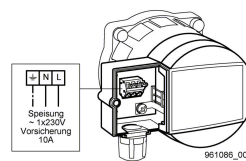
Materials

Pump casing	Cast iron
Impeller	Plastic
Can	Chrome-Nickel Steel
O- Ringe	EPDM 75
slide bearing	Ceramic
Shaft	Ceramic

Weight 2.3 kg



Electrical connection



Remarks: