

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

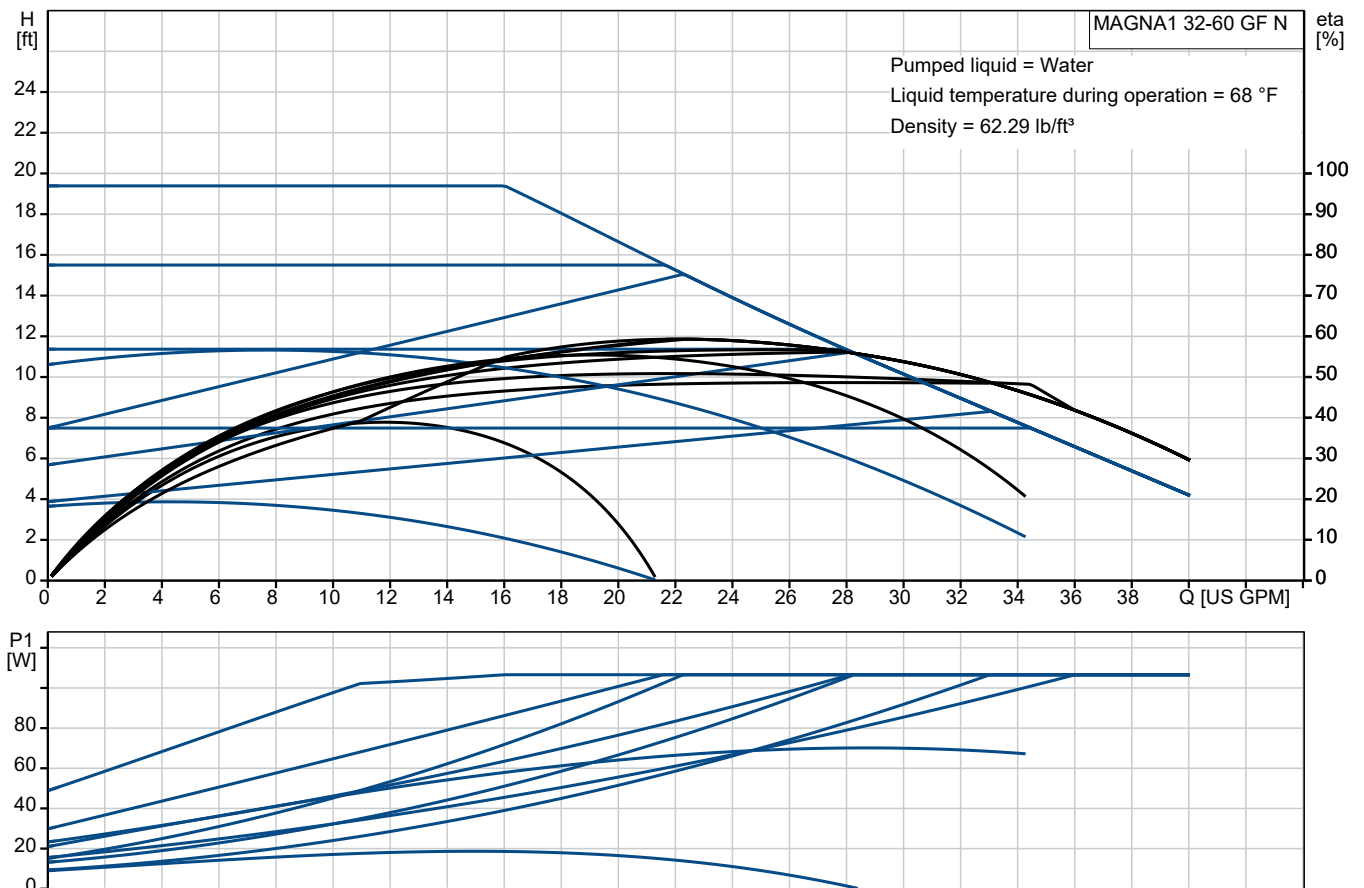
MAGNA1 32-60 GF N



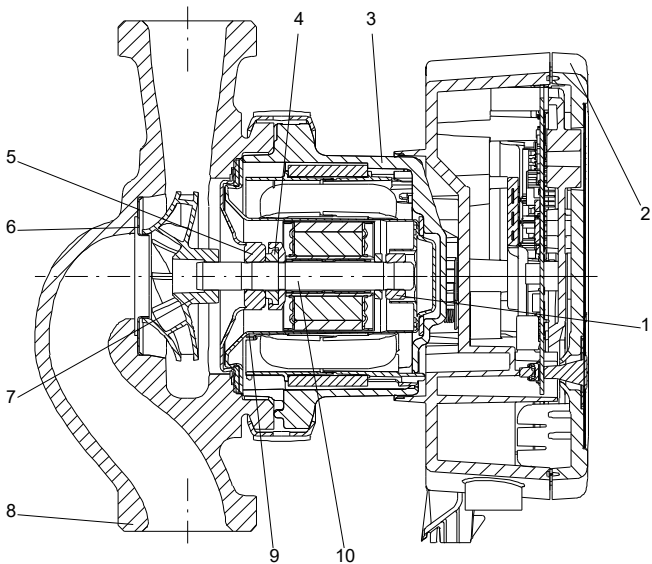
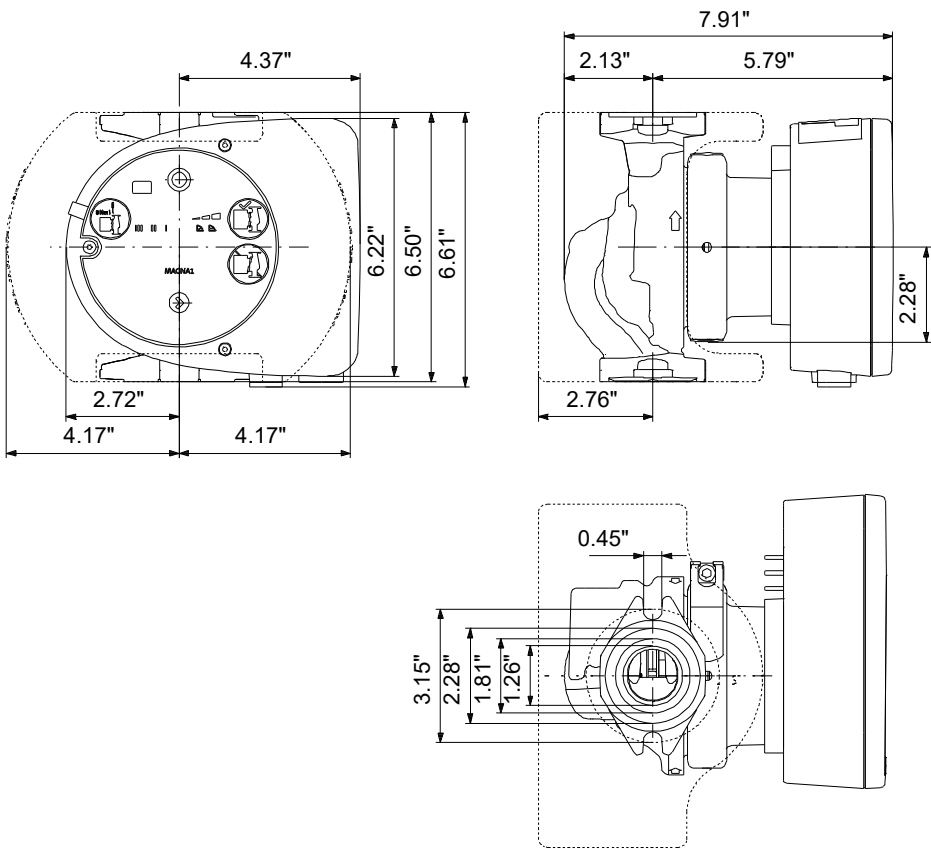
The Grundfos MAGNA1 N circulator pump is the stainless-steel variant of the MAGNA1 pump for applications where the liquid requires this, for example in domestic hot-water applications.

Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	14 .. 230 °F	Mains frequency:	60 Hz
Temperature:	68 °F	Maximum ambient temperature:	104 °F	Enclosure class:	IPX4D
Specific Gravity:	1.000	Flange standard:	GF		
		Pipe connection:	GF15/26/40/43		
		Product number:	98126821		



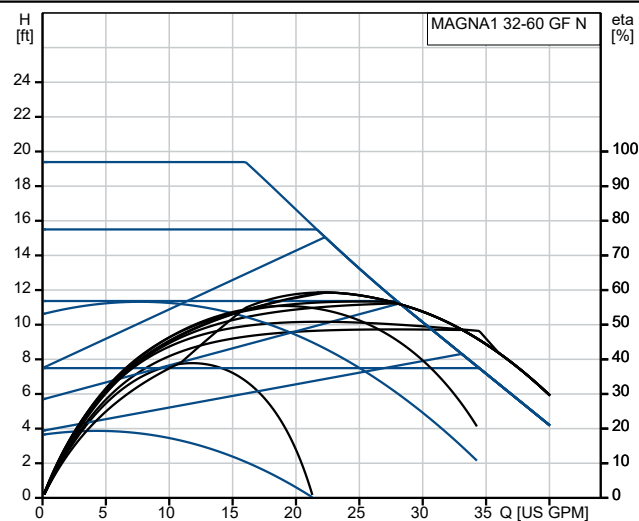
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Materials:
Pump housing: Stainless steel
ASTM A351-CF8
Impeller: Composite

Qty.	Description
1	MAGNA1 32-60 GF N  Note! Product picture may differ from actual product Product No.: 98126821 The Grundfos MAGNA1 circulator pump is the simple option for a job well done. With its high energy efficiency, the product complies with the EuP 2015 regulations, ensuring substantial savings on electricity. With its intuitive, user-friendly interface and maintenance-free design, MAGNA1 is the ideal circulator pump for applications with basic performance needs. The pump is maintenance-free due to the canned-rotor type design. MAGNA1 can work as the main pump in both heating and cooling applications, including: •mixing loops •heating surfaces •air-conditioning surfaces •ground-source heat pump systems •small chiller applications. MAGNA1 is a single-phase pump characterised by the controller and operating panel being integrated in the control box. The pump housing is available in both cast-iron and stainless-steel versions. The composite rotor can is carbon-fibre reinforced, the bearing plate and rotor cladding are made of stainless steel, and the stator housing is made of aluminium. The power electronics are air-cooled. The pump incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterised by higher efficiency than a conventional asynchronous squirrel-cage motor. The pump speed is controlled by an integrated frequency converter.

Description	Value
General information:	
Product name:	MAGNA1 32-60 GF N
Product No:	98126821
EAN number:	5710629499837
Price:	
Technical:	
Maximum head:	19.69 ft
TF class:	110
Approvals:	cETLus, Proposition 65
Approvals for drinking water:	NSF61, NSF372
Model:	B
Materials:	
Pump housing:	Stainless steel
	EN 1.4308
	ASTM A351-CF8
Impeller:	Composite
Installation:	
Range of ambient temperature:	32 .. 104 °F
Maximum operating pressure:	174.05 psi
Flange standard:	GF
Pipe connection:	GF15/26/40/43
Pressure rating for connection:	PN 12
Port-to-port length:	6 1/2 in
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	14 .. 230 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Maximum power input - P1:	107 W
P1 min.:	8.71 W
Mains frequency:	60 Hz
Rated voltage:	1 x 115-230 V
Minimum current consumption:	0.28 A
Maximum current consumption:	1.01 A
Maximum speed:	3516 rpm
Enclosure class (IEC 34-5):	IPX4D
Insulation class (IEC 85):	F
Others:	
Energy (EEI):	0.20
Net weight:	11.5 lb
Gross weight:	13.7 lb
Shipping volume:	0.35 ft³
Country of origin:	US
Custom tariff no.:	8413.70.2005



Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³

