

Quantid.	Descrição
1	COMFORT 15-14 B TDT  Código: 93093537 Nota! Imagem do produto pode diferir do prod. real COMFORT TDT is an efficient circulator designed for hot-water recirculation in residential buildings with a dedicated return line. It is compatible with all types of water heater tanks, tankless systems, solar or heat pumps regardless of whether the system has mixing or tampering valves installed. The pump features a compact housing and a permanent magnet with an integrated control unit. The spherical rotor, equipped with an impeller, ensures optimal functionality supported by a robust single-bearing ball system. The drinking-water approved brass pump housing guarantees both safety and reliability. COMFORT TDT moreover features a built-in temperature sensor to maintain precise water temperature. The user-friendly interface features LEDs and push-buttons on the operating panel. This offers an intuitive way to display and set operating times and control modes and ensures a comfortable and energy-efficient experience for residential use. The timer control mode enables the pump to operate continuously based on set operating times with the smallest time increment being 30 minutes. In case of power failure, the timer pauses with no power reserve. However, the selected operating times and actual time are retained. When power is restored, the pump resumes its last set operating state. If the power outage exceeds 15 minutes, the actual time may need to be reset. The timer and temperature control mode enables the pump to operate based on set operating times and the functionalities of temperature mode, with operating times taking priority. This means that the temperature mode is only active during the specified operating times. This control mode automatically activates the pump when the internal temperature sensor detects that the water temperature drops below a certain level. The control mode automatically adjusts the on/off temperature based on the maximum temperature measured in the system. The maximum temperature of the system is measured every 12 hours for 15 minutes, enabling dynamic adjustment of the on/off temperature. The product offers: • Q-H performance that is designed for single—and multi-family homes, depending on the required duty point to accommodate heat loss in a specific pipe layout. • Heat loss reduction by 56 % compared to continuously running pump. • Low power consumption and silent operation. • Compliance with pipe manufacturers' flow velocity limits, including DN 15, DN 20 PEX, copper, and others. • Drinking-water approval, ensured by the brass pump housing, stainless-steel rotor, and composite impeller. • A design that makes it easy to clean limescale and foreign deposits by removing the pump head, enabling the product to meet unlimited water hardness requirements. • Dry-running protection to prevent failure if the system runs out of water. • Multiple installation positions, even with the pump head pointing downwards.



Nome empresa:

Criado por:

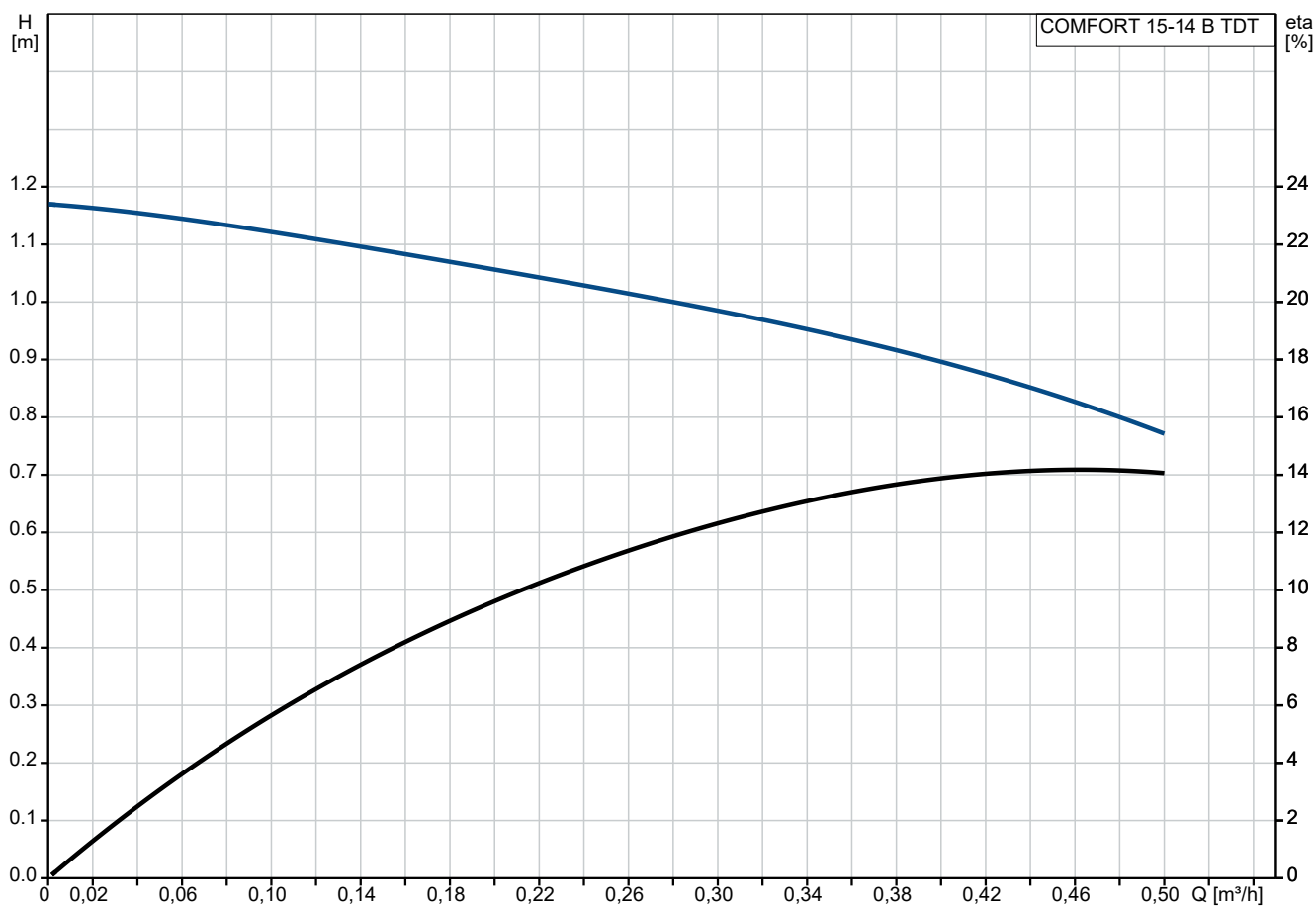
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12/09/2024

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1	• A pump head designed to fit brass pump housings of old and new pumps of the same design, even from different pump manufacturers (such as WILO, VORTEX, LOWARA, DAB and others). • Easy electrical installation, which is provided by a pre-assembled power plug with a 1.5 m cable and a double insulation protection design, which eliminates the need for a ground wire. • Insulating shells for heat loss reduction. • Non-return and shut-off valves included in "BX" variant, reducing installation cost. • An optional venting flange that provides a simple way to vent or drain the system without the need to install an additional venting valve permanently. • Optional fittings for pipe connections in different sizes and types. • Optional non-return and shut-off valves are available.

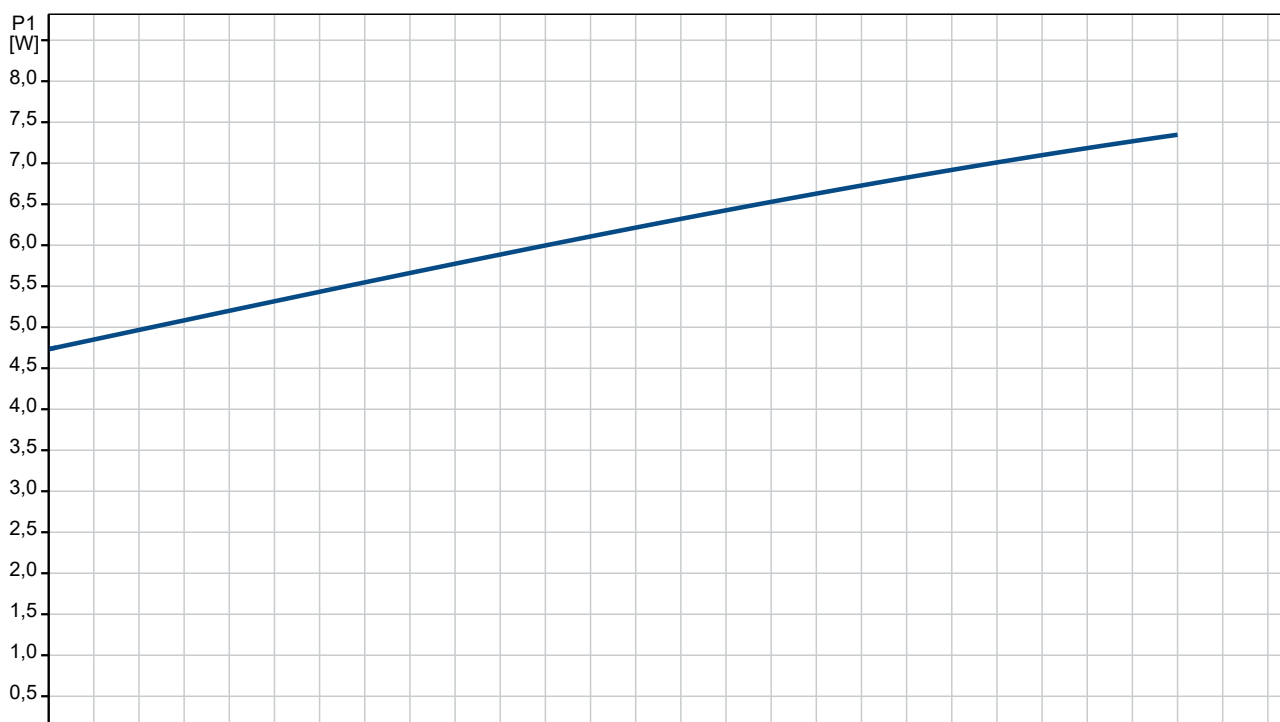
93093537 COMFORT 15-14 B TDT



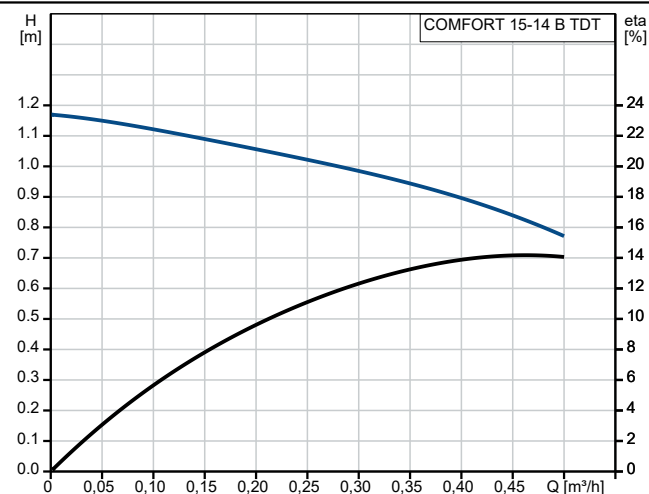
Líquido bombeado = Água

Temperatura do líquido durante o funcionamento = 60 °C

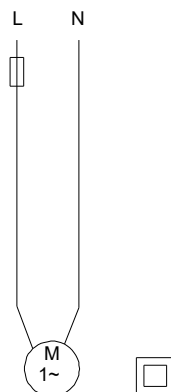
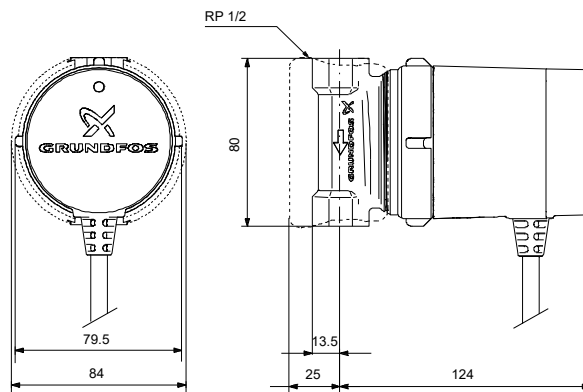
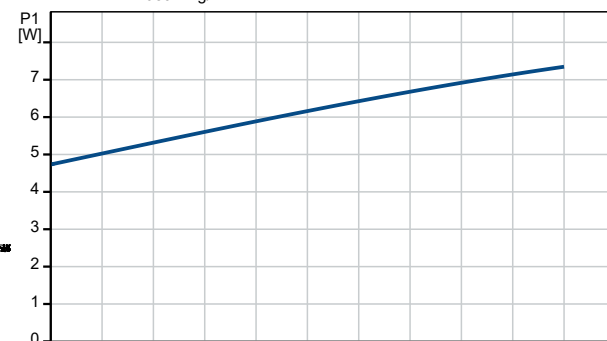
Densidade = 983.2 kg/m³



Descrição	Valor
Inf. geral:	
Designação do produto:	COMFORT 15-14 B TDT
Código::	93093537
Número EAN::	5715467675740
Técnicos:	
Velocidade nº:	1
Caudal nominal:	0.45 m³/h
Cabeça cotada:	0.9 m
Altura manométrica máxima:	14 dm
Classe TF:	95
Aprovações:	CE,VDE,EAC,WEEE
Materiais:	
Corpo da bomba:	Brass
Caixa da bomba:	CuZn39Pb3, MS58
Impulsor:	Composite
Impulsor:	PPO-GF20/Stainless steel
Instalação:	
Temperatura ambiente mínima:	0 °C
Pressão máx. de funcionamento:	10 bar
Tipo de conexão:	Rp
Dimensão da conexão:	1/2 inch
Nível de pressão para conexão:	PN 10
Extensão porta a porta:	80 mm
Líquido:	
Líquido bombeado:	Água
Gama de temperatura do líquido:	2 .. 95 °C
Temperatura do líquido durante operação:	60 °C
Densidade:	983.2 kg/m³
Car. eléctricas:	
Potência máxima absorvida:	7 W
Frequência da rede:	50 / 60 Hz
Voltagem nominal:	1 x 230 V
Corrente em vel. 3:	0.07 A
Classe de protecção (IEC 34-5):	IP44
Classe de isolamento (IEC 85):	F
Protecção de motor incorporada:	ELECT.
Protecção térmica:	IMP.
Controlos:	
Operation mode include:	Timer
Outros:	
Peso líquido:	0.94 kg
Peso bruto:	1.04 kg
Volume de expedição:	0.003 m³
Dinamarca VVS Nº:	380636004
Suécia RSK nº:	5792023
Noruega NRF nº:	1383193
País de origem:	DE
Nº taxa aduaneira:	84137030



Líquido bombeado = Água
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Nome empresa:

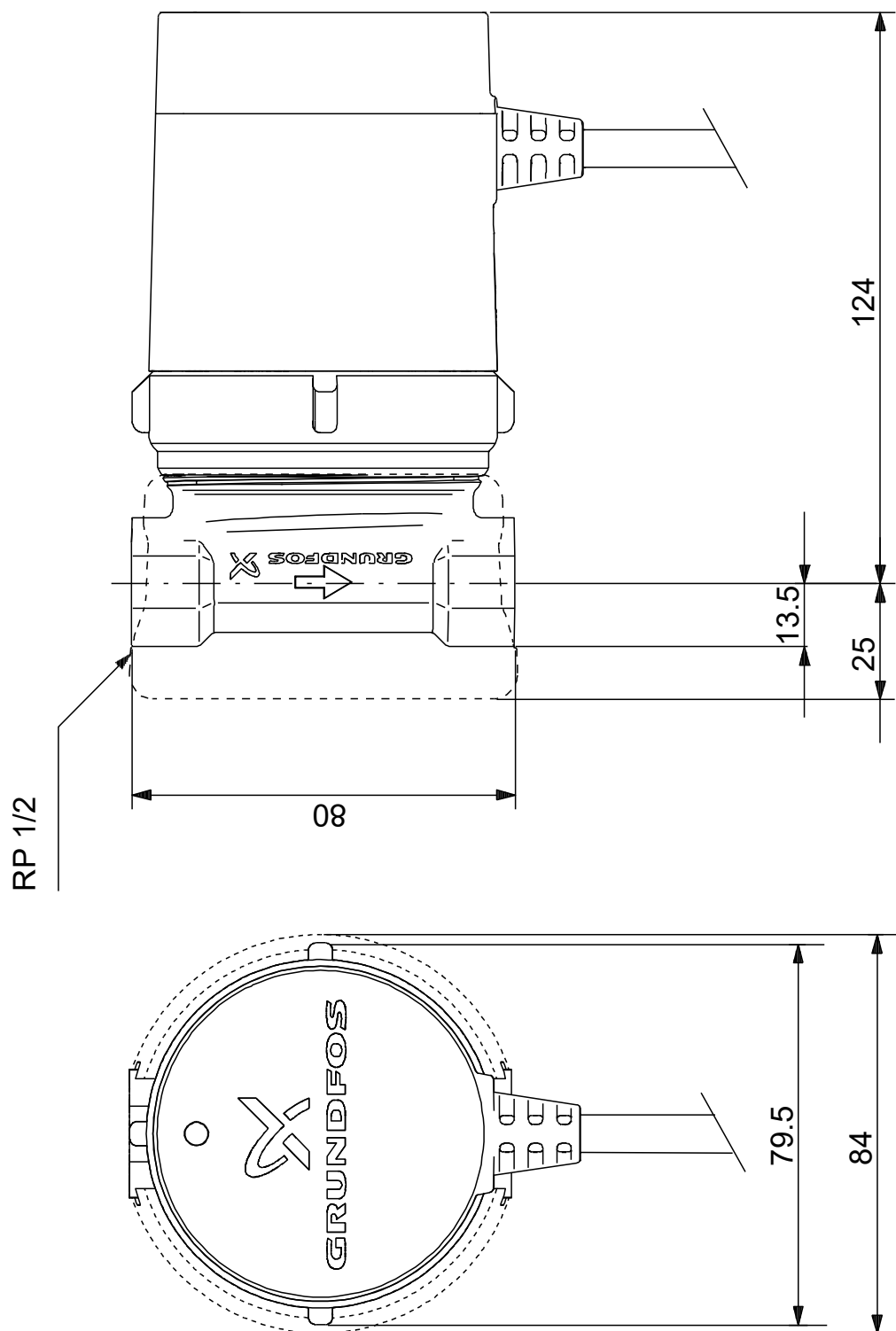
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Nota! Todas as unidades estão em [mm], salvo indicação contrária.

Exclusão de responsabilidade: este desenho dimensional simplificado não apresenta todos os detalhes.

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