

## TRS Series

# TRS 25-6S Circulation Pump

### PRODUCT CATALOGUE



# CIRCULATION PUMPS

## Efficient & Reliable

### Product Description

The pump contains two parts: a hydraulic section and a motor (with a wet rotor). The hydraulic section contains a pump housing, and impeller while the motor includes a stator, rotor, cartridge, and air-venting nut. The pump does not use a mechanical seal. The stator and rotor are sealed with a cartridge made of stainless steel and two heat-resistant rubber rings, which ensure no leakage. Lubrication of bearings and cooling of the motor by the inner circulation of the pumped liquid. It can be used in single pipe or double pipe heating system. It also can be used in apartments, villas, cooling, air-conditioning, boilers and solar systems etc.

### Application

- Hot water circulation for all heating systems.
- Industrial circulation systems.
- HVAC systems.
- Chilled water systems

### Features

- Low noise operation.
- No leakage.
- Ecological safety in operation.
- Easy installation and reliable operation.

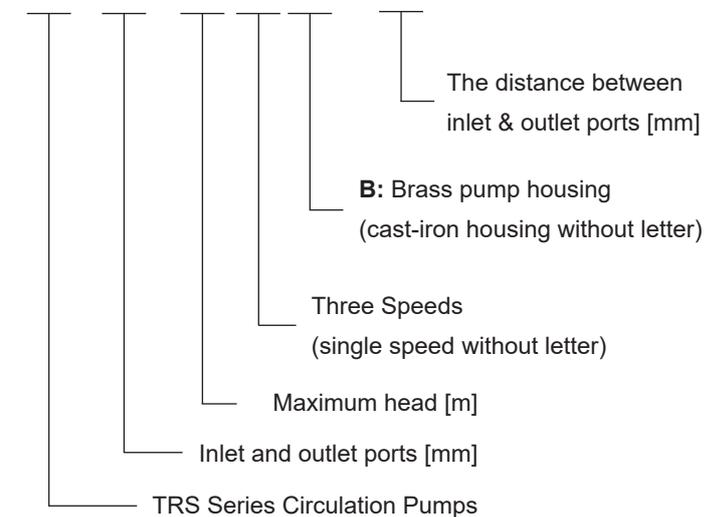
### Materials

Pump housing: Cast Iron / Brass  
 Impeller: Plastic  
 Shaft: Ceramic  
 Bearing: Ceramic  
 Connection: Steel / Brass



### Model Description

**TRS 25 - 6 S B / 180**

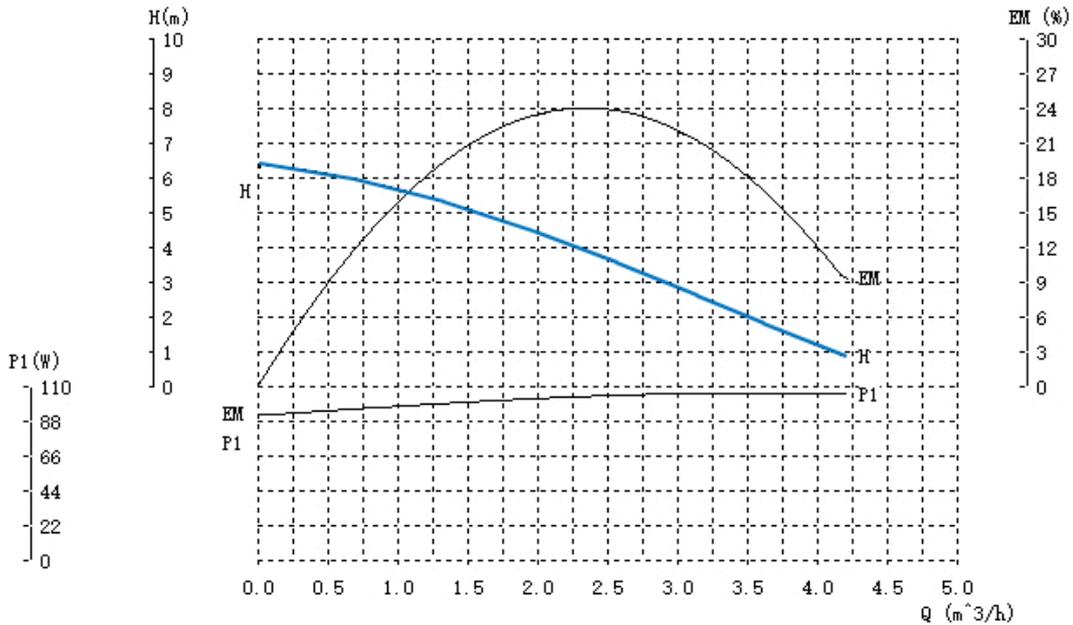


### Motor

- Insulation Class: F
- Protection Class: IP44
- Thermal protector
- Single speed or three speeds.
- Voltage: 1~220V/60Hz

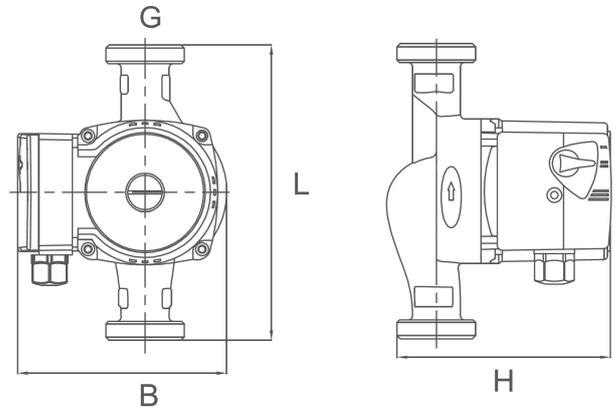
# PRODUCT OVERVIEW

## TRS 25-6S



### Operating Data

- Medium: thin, clean, non-corrosive and non-explosive liquid, does not contain any solid particles, fibers or mineral oil. Water/glycol mixtures max. mixing ratio 1:1.
- Maximum system pressure: 10 bar.
- Min / Max medium temperature: 2 ~ 110 °C
- Min / Max. ambient temperature: 0 ~ 40 °C
- Ambient humidity: 95%



Model	Max. Flow [m³/h]	Max. Head [m]	Power [W]	Voltage (V)	Pump Housing Material
TRS 25-6S	4/3/1.8	6.3/5.5/3.5	105/70/46	220V/60Hz	Cast Iron / Brass

Model	Dimension [mm]				Weight
	L	B	H	G	[Kg]
TRS 25-6S	180	127	133	1½"	2.5

\* In order to avoid condensed water in stator, make sure the ambient temperature is lower than liquid temperature.

# TECNODYNE

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