

# TSCM Series

**Smart centrifugal pump (single-stage)  
50 Hz**

**PRODUCT CATALOGUE**



# SMART CENTRIFUGAL PUMP

## Advanced Flow Control System

### Product Description

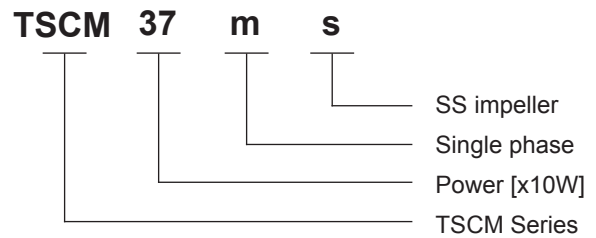
TSCM is a high-efficient, single-stage, smart centrifugal pump equipped with an advanced built-in flow control system. The pump has a linear pressure sensor which is used to control the starting pressure of the pump instead of a traditional mechanical switch. It is suitable for domestic water supply, garden irrigation, hotel, villas, and industrial use.



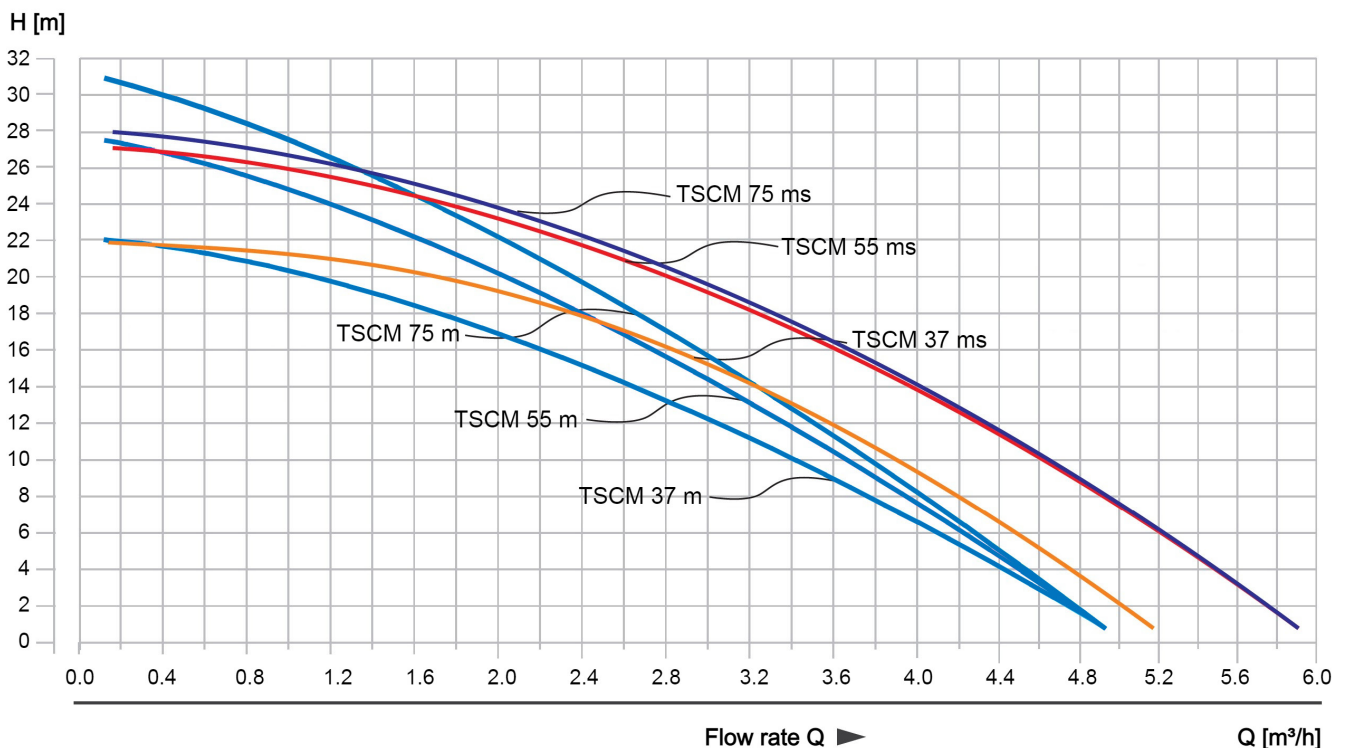
### Material:

- Pump body: Cast Iron
- Pump support: Cast Iron
- Impeller: PPO (Stainless Steel is optional)
- Motor housing: Aluminum
- Mech seal: Silicon carbide

### Model Description

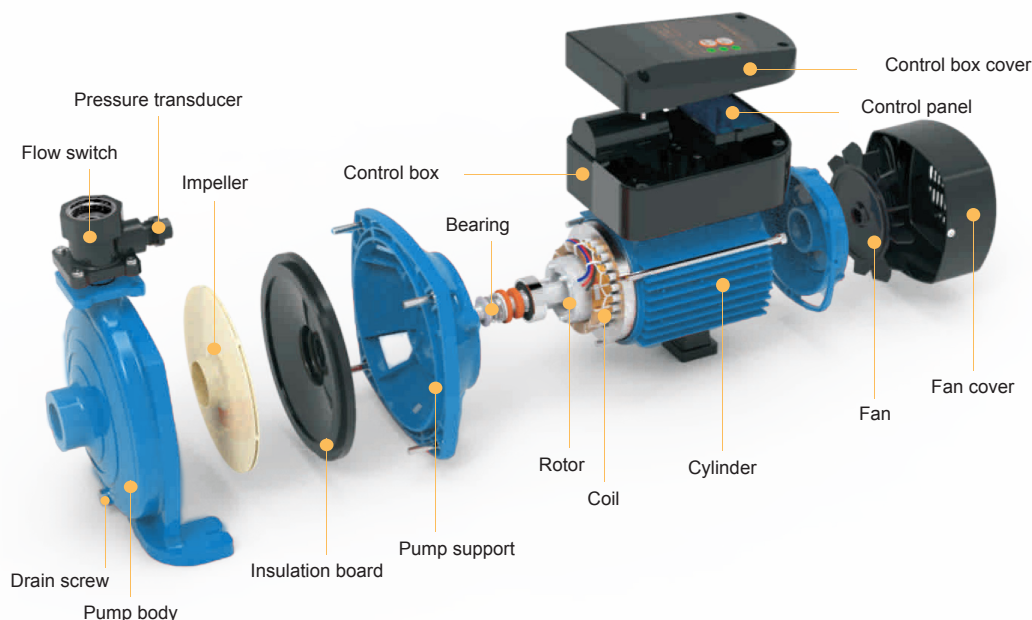


### Performance Curve



# PRODUCT OVERVIEW

Efficient & reliable



## Operating Data

- Medium: clean water or non-aggressive liquid (free of solids or fiber)
- Max Liquid Temp: 100 °C
- Max Ambient Temp: 40 °C

## Motor

- Insulation Class: F
- Protection Class: IP44
- Continuous Service: S1
- Built-in thermal protector
- Power: 1ph x 220V / 50Hz,(60Hz is optional)

## Key Features

- Automatic identification of pipe pressure.
- Automatic regulation of starting pressure.
- The chip has a memory function.
- The operation of the pump is controlled by a pressure sensor and flow switch.
- Multiple protection.
- Plug-in and play

Model	Power [W]	Power [hp]	Max. Flow [m3/h]	Max. Head [m]	Pipe Size [mm]	G. W. [Kg]	Package size [mm]
TSCM 37 m	370	0.5	5	22	25	10.5	280x293x206
TSCM 55 m	550	0.75	5	28	25	11.8	330x230x335
TSCM 75 m	750	1.0	5	31	25	12.7	330x230x335
TSCM 37 ms	370	0.5	5.2	22	25	10.8	280x293x206
TSCM 55 ms	550	0.75	6	27	25	12.1	330x230x335
TSCM 75 ms	750	1.0	6	28	25	13	330x230x335

**TECNODYNE**

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