

TSBP Series

Smart Centrifugal Booster Pumps

PRODUCT CATALOGUE



PRODUCT OVERVIEW

Advanced Flow Control System

Product Description

TSBP is a smart booster pump equipped with an advanced built-in flow control system. It 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 family homes, hotels, garden irrigation, and other clear water pressurization.

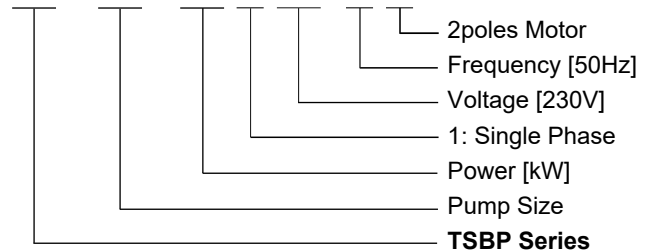


Material:

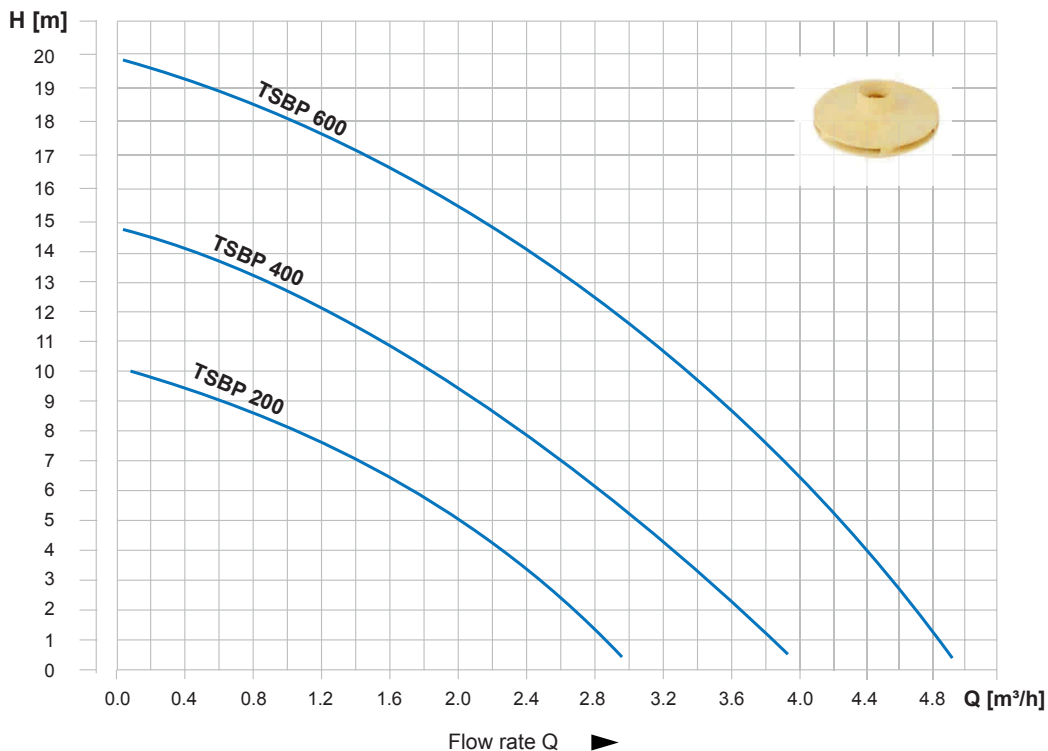
- Pump body: Cast iron
- Pump support: Cast iron
- Impeller: PPO
- Motor housing: Aluminum
- Mech seal: Silicon carbide

Model Description

TSBP 400 / 0.4-1-230-50-2

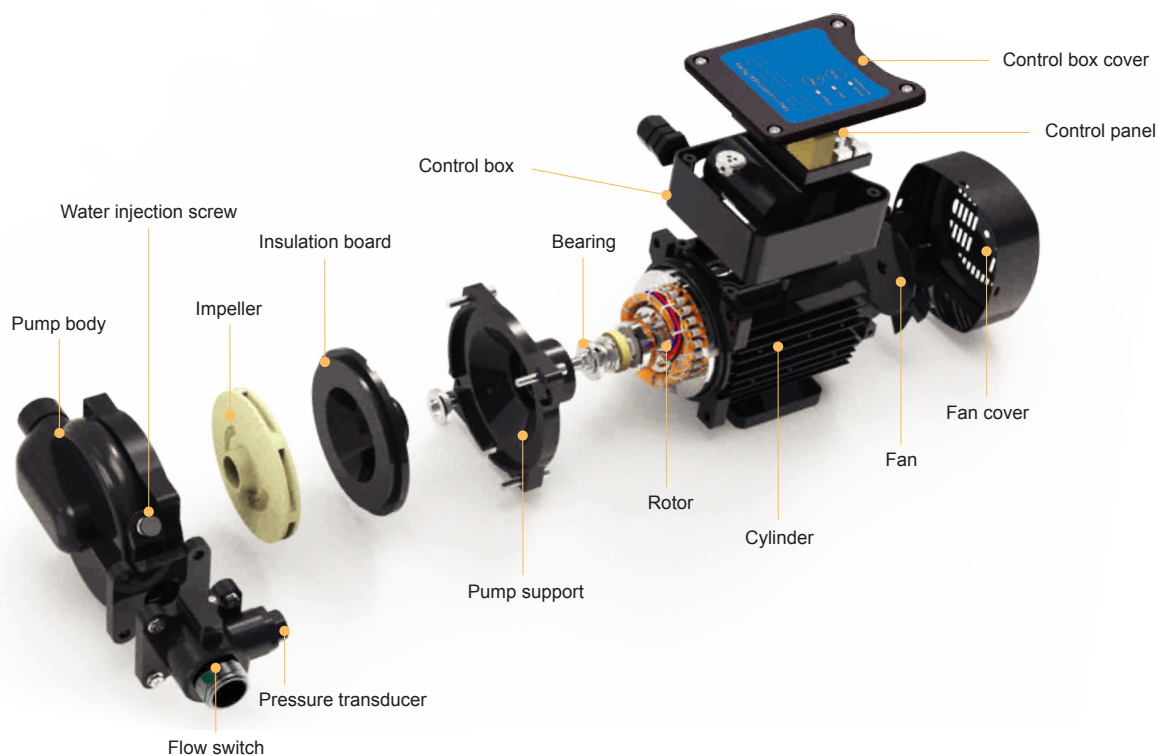


Performance Curve



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
- Max Suction: 7 m

Motor

- Insulation Class: F
- Protection Class: IP44
- Continuous Service: S1
- Built-in thermal protector
- 1ph x 230V / 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.
- Water shortage protection.
- Temperature protection
- Plug-in and play.
- Electrophoresis rust prevention.

Model	Power		Max. Flow [m ³ /h]	Max. Head [m]	Pipe Size [mm]	Weight [Kg]	Package Dimensions [mm]
	[kW]	[hp]					
TSBP 200	0.2	0.3	3	10	20	4.68	238x180x256
TSBP 400	0.4	0.5	4	15	25	6.46	270x190x286
TSBP 600	0.6	0.8	5	20	25	8.37	280x293x206

TECNODYNE

TECNODYNE PUMPS INC.

02 Sheppard Ave E, North York
Ontario, Canada M2N 5Y7
T: +1 (647) 255-2270
info@tecnodyne.ca
www.tecnodyne.ca

TECNODYNE (China) Ltd.

Suite C, Level 7, World Trust Tower
50 Stanley Street, Central
Hong Kong
hk@tecnodynepumps.com
www.tecnodynepumps.com