WALRUS PUMP

TP8_PTB Series

Automatic Booster Pump



Better Life
Through Innovation

TP8_PTB Series Automatic Booster Pump



50 Hz

Power: 0.18 - 0.37 kW
Head: Up to 30 M
Flow: Up to 35 L/min
Outlet: ¾" - 1"
Inlet: ¾" - 1"

60 Hz

Power: 0.18 - 0.37 kW
Head: Up to 36 M
Flow: Up to 42 L/min
Outlet: ¾" - 1"
Inlet: ¾" - 1"



Product Features

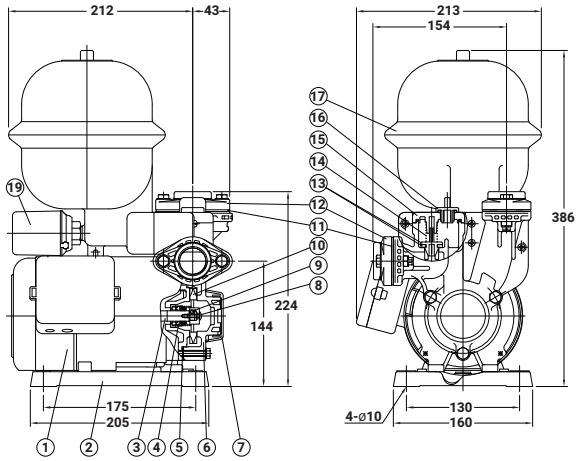
- Manufactured with non-corrosive rust proof materials.
- Special design corrosive resistant pressure tank with good appearance.
- Appropriate reliable check valve with silent operation.
- Compact design, small size, easy installation.
- Every pumps tested in our factory to ensure quality and reliability.
- High performance, electricity saving motor with patented cooling construction. Build-in thermal overload protector for motor burnt out protection.

Applications

Ideal for pumping clean, non-volatile liquids without fibres or solids in such applications as :

- Homes where the incoming city water supply pressure is too low
- Portable water supply or underground
- Irrigation
- Washing/cleaning system

Dimensions



NO	Part Name	Material
1	Fan cover	ABS
2	Mounted Base	ABS
3	Shaft	SUS410
4	Mechanical Seal	CERAMIC+CARBON+NBR
5	O Ring	NBR
6	Pump Casing	PPS
7	Cover	NYLON
8	Screw	SUS304
9	Steel Ball	SUS304
10	Impeller	BRASS
11	Gasket	NBR
12	Flange	SUS304 + NYLON
13	Check Valve Set	POM+NBR
14	Spring	SUS304
15	Water Cover	PPS
16	Water Plug	NYLON
17	Pressure Tank	PP
19	Pressure Switch	-

Operating Conditions

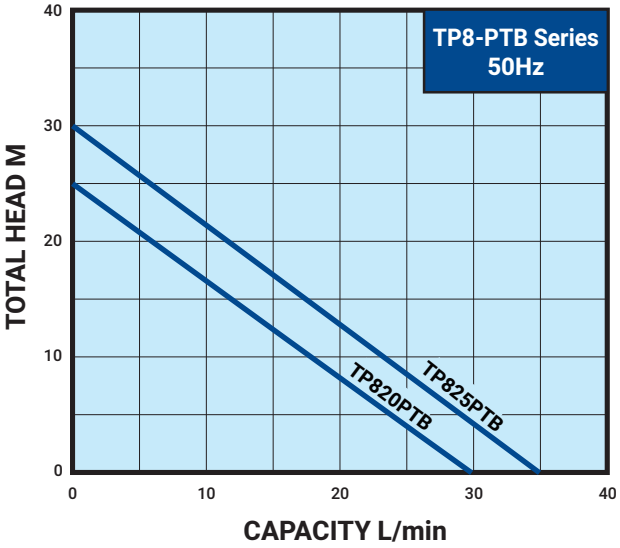
- Ambient temperature: Max. +40°C
- Liquid temperature: +4°C ~ +40°C
- Suction head: Max. 8 M
- Inlet pressure: Lower than the pressure switch OFF setting. (See Specification)

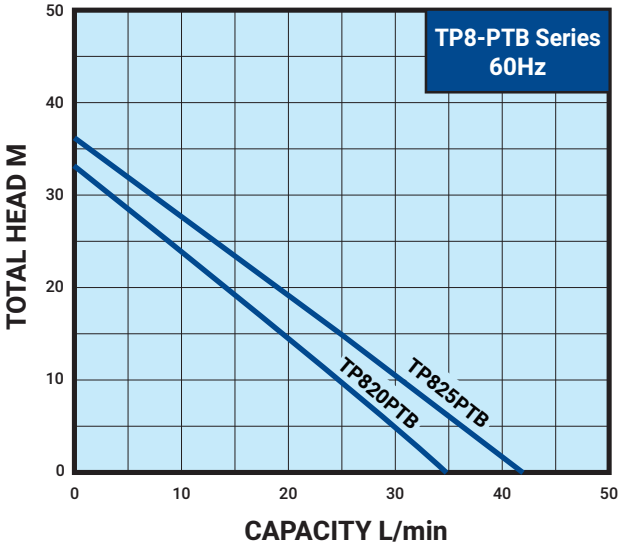
Standard Mode

TP820P T B

- B — Antimicrobial
- T — Temperature control(Optional)
- TP820P — Model name

Performance Curve







TP8_PTB Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Pressure Switch kg/cm² ON	Pressure Switch kg/cm² OFF	Pressure Tank L	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TP820P(T)B	0.18	50	1	200 - 240	1.4	¾"	¾"	0.9	1.8	1	25	30	6.7	7.7	32
TP825P(T)B	0.37	50	1	200 - 240	2.2	1"	1"	1.8	2.8	1	30	35	7.6	8.6	32



TP8_PTB Series 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Pressure Switch kg/cm² ON	Pressure Switch kg/cm² OFF	Pressure Tank L	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TP820P(T)B	0.18	60	1	110/220	3.2/1.6	¾"	¾"	1.2	2.4	1	34	35	6.7	7.7	32
TP825P(T)B	0.37	60	1	110/220	5.2/2.6	1"	1"	2.0	3.0	1	36	42	7.6	8.6	32

WALRUS PUMP

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All specifications are subject to change without notice. TP8PTB-EN000a-202306

bsi. ISO 9001 品質管理系統

CE

Walrus Pump 2.0 RoHS