

Hydro-SWB Series Data

Model	Pump				Smart Pump Drive		
	HP	DNA	DNM	Max Head m	Max Flow m ³ /h	Input Voltage	Output Voltage
Hydro-SWB70-075	1	G1 1/4"	G1"	26	14	220V 50hz/60hz 1PH	220V 50hz/60hz 1PH
Hydro-SWB70-075T	1	G1 1/4"	G1"	26	14	380V 50hz/60hz 3PH	380V 50hz/60hz 3PH
Hydro-SWB70-110	1.5	G1 1/4"	G1"	35	14	220V 50hz/60hz 1PH	220V 50hz/60hz 1PH
Hydro-SWB70-110T	1.5	G1 1/4"	G1"	35	14	380V 50hz/60hz 3PH	380V 50hz/60hz 3PH
Hydro-SWB120-110	1.5	G1 1/4"	G1"	27.7	21	220V 50hz/60hz 1PH	220V 50hz/60hz 1PH
Hydro-SWB120-110T	1.5	G1 1/4"	G1"	27.7	21	380V 50hz/60hz 3PH	380V 50hz/60hz 3PH
Hydro-SWB120-150	2	G1 1/4"	G1"	33	21	220V 50hz/60hz 1PH	220V 50hz/60hz 1PH
Hydro-SWB120-150T	2	G1 1/4"	G1"	33	21	380V 50hz/60hz 3PH	380V 50hz/60hz 3PH

Working conditions

- Control - - - - - PID
- Ambient Temperature - - - - - +5°C - +40°C
- Liquid - - - - - Clean water
- Liquid temperature - - - - - 0 - 70°C
- Pump - - - - - Stainless Steel 304 centrifugal pump
- Input Voltage - - - - - Three phase 220V/380V, 50HZ
or Single Phase 220V, 50HZ



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Smart Booster System

Hydro-SWB Series



- Higher efficiency, energy saving 30%-60%
- Constant pressure via integrated speed control
- Long life, lower cost
- Dry-running protection

www.streampumps.com



Pressure Tank



Pressure Gauge



Smart Pump Drive



Variable Speed Drive Pressure Transmitter



304 Pump Body & Impeller



Hydro - SWB Series

Stream offers complete tailored pressure boosting systems for domestic water supply that ensure optimal water pressure for household applications.



Applications

- Offices
- Schools
- Hotels
- Blocks of flats

Hydro-SWB provides constant water pressure for a variety of domestic applications. This means that the end-user is no longer bothered by fluctuations in water pressure due to a rise or fall in demand, or from pump starts and stops. Hydro-SWB Booster keeps the pressure within the home up regardless of usage. The constant pressure feature provides the benefit of increased comfort.

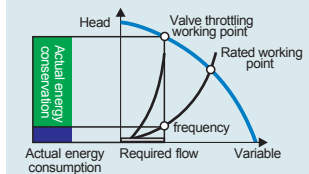
Features

- Higher efficiency, energy saving 30%-60%
- Constant pressure via integrated speed control
- Long life, lower cost
- Soft start/stop to relieve water hammer
- Compact
- Anti-rust, robust, stainless steel
- Easy installation

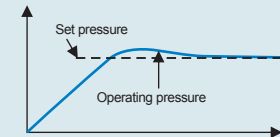
Advantages of Smart Booster system

Preferred variable frequency drive

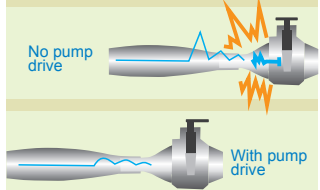
More energy efficient than valve



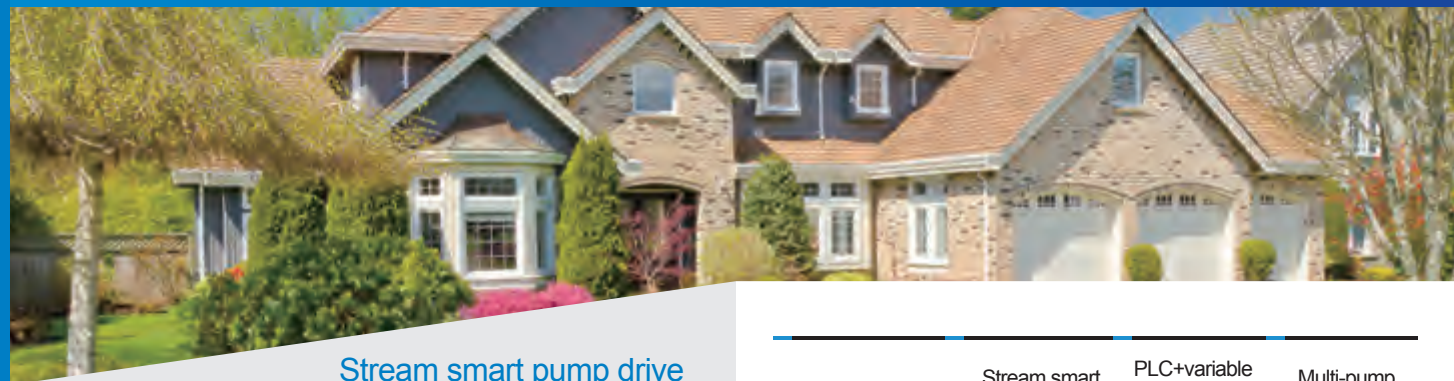
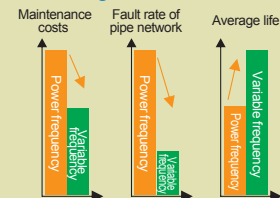
Constant pressure, smart control



Soft start/stop to relieve water hammer



Long life, low costs



Stream smart pump drive



VFD+multi-pump controller



VFD+PLC+touch screen control



Contrasting items	Stream smart pump drive	PLC+variable frequency control	Multi-pump controller+VFD
	Difficulty of realization/effect	Difficulty of realization/effect	Difficulty of realization/effect
Speed regulation energy saving control	Easy	Difficult	Medium
Wiring of electrical control	Easy	Difficult	Difficult
Anti-interference, long term reliability	Good effect	Poor effect	Poor effect
Composition	Brief	Complicated	Complicated
Customization	Easy Customizing	Often rework by PLC programmer	Hard customizing
Expansion capability	Easy	Difficult	medium
Installation & debugging	Convenient	Difficult	Difficult
Parameter setting	Easy operation	Difficult	medium
Maintenance costs	Low	High	medium