

# SB

## SUBMERSIBLE BOOSTER

Approved for  
Drinking Water  
AS/NZS 4020 ✓

2  
YEAR  
WARRANTY

### WATER SOURCE



Above  
Pump Level

Below  
Pump Level

### APPLICATION



Household  
Water

Irrigation



SCAN THE QR CODE  
TO LINK TO GRUNDFOS  
PRODUCT CENTER

The Grundfos SB is a compact, submersible booster pump designed for the delivery of clean rainwater for domestic use.

- **Start/stop float switch control** - The included float switch will stop the pump if the water source runs dry and re-start when sufficient water is added
- **Virtually silent submerged operation** - Won't disturb your family or neighbours
- **Easy submerged installation – plug & pump** - Connect the pump outlet to the pipework, plug into a power outlet and you're ready to pump
- **For water sources above or below ground** - Designed to be submerged in either above ground water tanks or below ground water sources
- **Floating suction strainer option** - Available with standard suction strainer or optional floating suction strainer, which takes in water from the surface where it is likely to be cleaner



SB-A with float switch

SB-AW with floating suction strainer and float switch

### PUMP NOISE

SB	SCALA2	CM Booster Self-Priming	Jet Pump Range
25 dB Max.	47 dB Max.	55 dB Max.	70 dB

### PUMP SIZING

High pressure for double storey dwellings and long runs of pipe	SB 3-45	SB 3-45	
Adequate pressure for most single storey dwellings	SB 3-35	SB 3-35	SB 3-45
	Small House 2-3 taps	Medium House 3-4 taps	Large House 4-5 taps

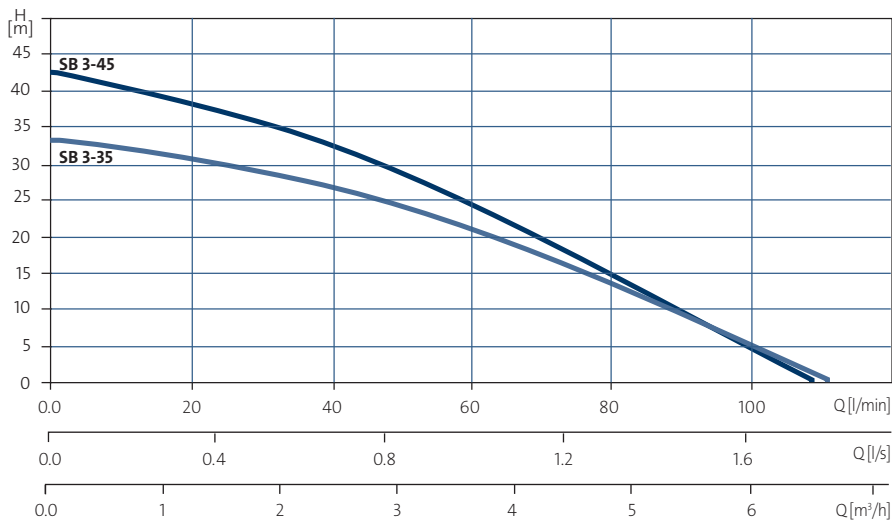
Taps are 15 l/min at 22.5 m head

### PROTECTION & CONTROL

	SB	SBA
Auto Start/Stop via Pressure Switch		✓
Non-Return Valve		✓
Dry Run Protection via Float Switch	✓	✓

# TECHNICAL & PERFORMANCE DATA

## PERFORMANCE CURVE



## OPERATING CONDITIONS

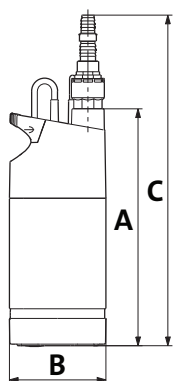
Liquid Temperature	0°C to +40°C
Max. Installation Depth	10 m
pH value of pumped liquid	4-9
Sound Pressure	Max. 25 dB

## TECHNICAL DATA

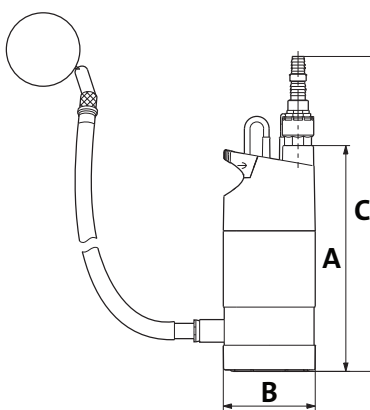
Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	15 m with plug
Enclosure Class	Suitable for submerged installation (IP68)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

## PHYSICAL ATTRIBUTES

### SB A



### SB AW



Model	Motor Power P2 (kW)	Connections		Dimensions (mm)			Weight (kg)
		Inlet	Outlet	A (h)	B (w)	C (outlet)	
SB 3-35 A	0.54	Stainless Steel Strainer	¾" or 1" Female	390	150	536	9
SB 3-35 AW	0.54	Floating Strainer	¾" or 1" Female	528	150	621	10
SB 3-45 A	0.62	Stainless Steel Strainer	¾" or 1" Female	415	150	584	10
SB 3-45 AW	0.62	Floating Strainer	¾" or 1" Female	553	150	646	11