

# SBA

## SUBMERSIBLE BOOSTER WITH INTEGRATED PRESSURE SWITCH



### WATER SOURCE



Above Pump Level



Below Pump Level

### APPLICATION



Household Water



Irrigation



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The Grundfos SBA is a compact, submersible booster pump with integrated pressure switch designed for the delivery of clean rainwater into the home.

- **Easy submerged installation – plug & pump** - Connect the pump outlet to the pipework, plug into a power outlet and you're ready to pump
- **Automated control and ongoing protection** - An integrated pressure switch and float switch provide pump control and protective features.
- **Virtually silent submerged operation** - Won't disturb your family or neighbours
- **For water sources above or below ground** - Designed to be submerged in either above ground water tanks or below ground water sources

### PUMP NOISE

<b>SBA</b>	<b>SCALA2</b>	<b>CM Booster Self-Priming</b>	<b>Jet Pump Range</b>
25 dB Max.	47 dB Max.	55 dB Max.	70 dB

### PUMP SIZING

High pressure for double storey dwellings and long runs of pipe	SBA 3-45	SBA 3-45	
Adequate pressure for most single storey dwellings	SBA 3-35	SBA 3-35	SBA 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

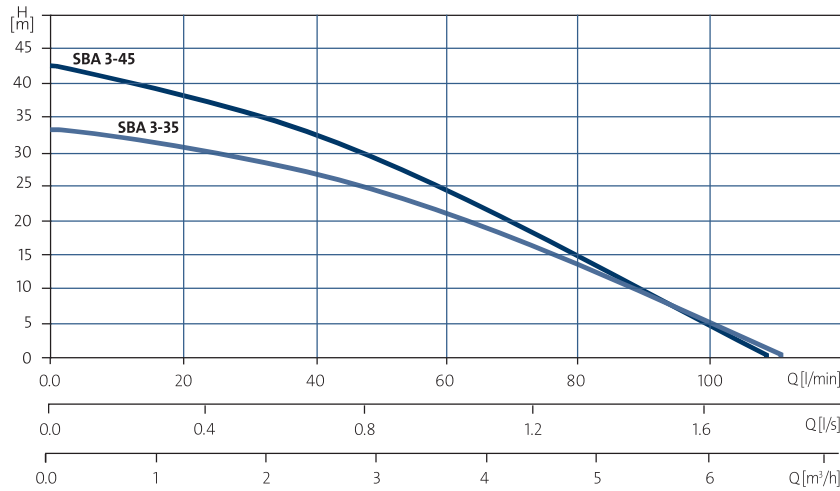
### PROTECTION & CONTROL\*

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

\*For full explanation of Protection and Controls see page 65-66

# TECHNICAL & PERFORMANCE DATA

## PERFORMANCE CURVE



30

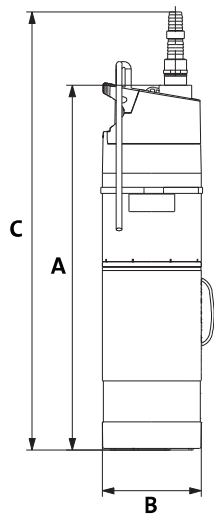
## OPERATING CONDITIONS

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



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