

# Sludge & Slurry pumps »

## SBA series

Tapflo SBA is a heavy-duty slurry and sludge pump made in cast iron, employing the SB series as its base. On SBA an agitator is provided to assist smooth suction of the pumped fluid.

The side-flow, top-discharge design keeps the motor cool even if the pump is operated continuously with its motor exposed in air, and it makes the pump easier to place in a confined space.

SBA includes dual position outlet port, to enable the user to position the discharge hose in the horizontal or vertical direction to avoid hose folding or bending. The pump is supplied with a BSP thread adaptor.

Impeller and agitator manufactured in strong chrome alloy to withstand abrasives and a semi-vortex impeller in combination with agitator minimises clogging.

SBA can be equipped with a level control sensor, marked by (E).



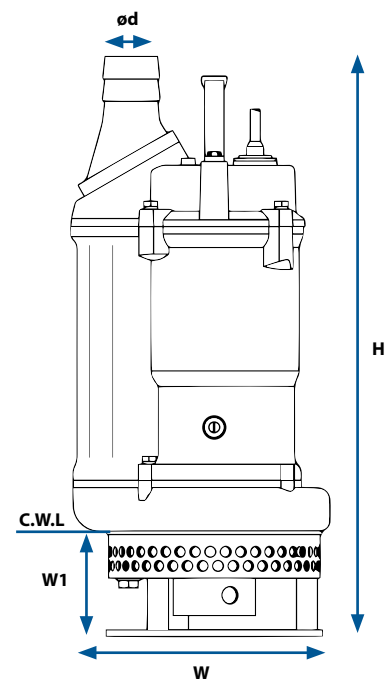
### Fast facts

<b>Capacity:</b>	Up to 60 m <sup>3</sup> /h
<b>Head:</b>	Up to 30 m
<b>Power:</b>	2.2/3.7 kW, three-phase 400 V ± 10 %, 50 Hz
<b>Insulation class:</b>	F
<b>Protection class:</b>	IP 68
<b>Outlet:</b>	50 mm/ 80 mm 2"/ 3"
<b>Water temperature:</b>	Up to 40 °C
<b>Max water depth:</b>	25 m
<b>Cable length:</b>	8 m

### Dimensions

Model (50 Hz)	Height (H)	Width (W)	Weight (net)	Outlet (ød)	BSP thread (ød)	Continuous running water level (W1)
	mm	mm	Kg	mm	in	
<b>SBA2(E)-22</b>	557 (629)	234 (235)	40 (46)	50 (50)	2	135 (135)
<b>SBA3(E)-37</b>	636 (720)	283 (283)	64 (72)	80 (80)	3	165 (165)

Dimensions for pumps equipped with level control sensor (E) is presented inside the brackets.



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## Technical data

Model (50 Hz)	Level control	Motor power	Voltage	Rated Capacity		Rated head	Max capacity		Max head	Impeller Passage	Max depth
		kW	V	m <sup>3</sup> /h	l/min	m	m <sup>3</sup> /h	l/min	m	mm	m
<b>SBA2(E)-22</b>	(E) Sensor	2.2	400	18	300	19	30	500	25	10	25
<b>SBA3(E)-37</b>	(E) Sensor	3.7	400	30	500	20	60	1000	30	10	25

(E): Pump equipt with level control sensor

## Performance curves - 50 Hz, 2850 rpm

