

# Dewatering pumps »

## SB series

Tapflo SB is constructed in rigid cast iron that makes the pump run problem free day after day. The pump has a greatly increased maximum submersion depth due to a mechanical seal that is resistant to high pressure. The impeller is semi-open and made of high chrome alloy match with wear plate (ductile iron) to withstand abrasives.

Discharge channel cast is part of the motor housing which results in effective motor cooling.

Models with outlet up to 80 mm/ 3" 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. Same models comes with a BSP thread adaptor.

The motor is hermetically sealed equipped build-in thermal protection. Sizes **SB2-22** to **SB4-37** can be equipped with a level control sensor, marked by (E).

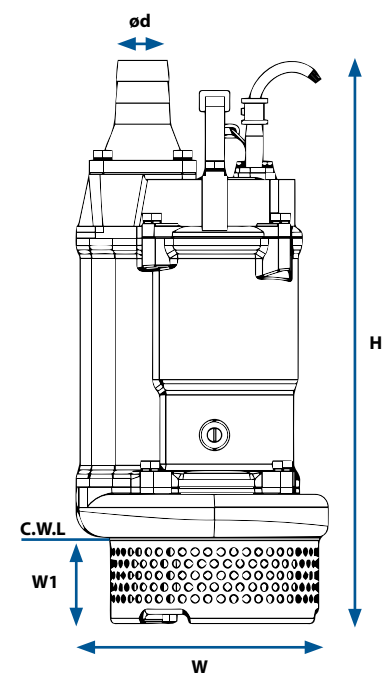


### Fast facts

<b>Capacity:</b>	Up to 147 m <sup>3</sup> /h
<b>Head:</b>	Up to 40 m
<b>Power:</b>	1.5-11 kW, three-phase 400 V ± 10 %, 50 Hz
<b>Insulation class:</b>	F
<b>Protection class:</b>	IP 68
<b>Outlet:</b>	50/ 80/ 100/ 150 mm 2"/ 3"/ 4"/ 6"
<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	mm
<b>SB2(E)-22</b>	505 (582)	235 (235)	39 (44)	50 (50)	2	120 (120)
<b>SB3(E)-22</b>	505 (582)	235 (235)	39 (44)	80 (80)	3	120 (120)
<b>SB2(E)-37</b>	629 (707)	283 (283)	63 (71)	50 (50)	2	150 (150)
<b>SB3(E)-37</b>	629 (707)	283 (283)	63 (71)	80 (80)	3	150 (150)
<b>SB4(E)-37</b>	629 (707)	283 (283)	63 (72)	100 (100)	4	150 (150)
<b>SB4-55</b>	590	283	77	100	4	150
<b>SB4-75</b>	676	330	106	100	4	190
<b>SB6-75</b>	676	330	108	150	6	190
<b>SB6-11</b>	695	373	139	150	6	139



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 kW	Voltage V	Rated Capacity		Rated head m	Max capacity		Max head m	Impeller Passage mm	Max depth m
				m <sup>3</sup> /h	l/min		m <sup>3</sup> /h	l/min			
<b>SB2(E)-22</b>	(E) Sensor	2.2	400	18	300	20	33	550	26	8.5	25
<b>SB3(E)-22</b>	(E) Sensor	2.2	400	36	600	11	55	920	19	8.5	25
<b>SB2(E)-37</b>	(E) Sensor	3.7	400	12	200	30	33	550	34	8.5	25
<b>SB3(E)-37</b>	(E) Sensor	3.7	400	30	500	20	55	920	29	8.5	25
<b>SB4(E)-37</b>	(E) Sensor	3.7	400	60	1000	11.5	90	1500	18.5	8.5	25
<b>SB4-55</b>	-	5.5	400	60	1000	16	105	1750	23	8.5	25
<b>SB4-75</b>	-	7.5	400	48	800	30	84	1400	40	11.5	25
<b>SB6-75</b>	-	7.5	400	90	1500	15	124.8	2080	31	19.5	25
<b>SB6-11</b>	-	11	400	102	1700	22	147	2450	32	19.5	25

## Performance curves - 50 Hz, 2850 rpm

