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APPLICATIONS

Raising from wells or tanks of water free from solid sediments, pumping of **liquids contaminated and liquids with traces of heavy metals**, sampling of fluids in contaminated sites, hydraulic barriers.

The pumps can not be installed in potentially explosive atmospheres.

FEATURES

- Multistage centrifugal electric submersible pumps **for 3" wells with suction from below**: the hydraulic part is located under the motor cooled by the pumped liquid.
- External pump case, motor case, motor support and other components in AISI 316 stainless steel.
- Impellers and diffusers in special technopolymer.
- The check valve installed inside the electric pumps.
- Electric pumps produced directly with the meters of SK 4G1,5 electric cable required without electrical junctions.

MOTOR

- 2 poles asynchronous motor, 50 Hz, 2850 rpm.
- Class F insulation.
- IP68 protection.
- Working voltage: single-phase 230 V, three-phase 400 V.
- Oil filled electric motor.

OPERATING CONDITIONS

- The pump can not operate in dry conditions.
- Electric pump submerged for at least 15 cm provided that the pump has been preloaded.
- Temperature of the pumped liquid: min 0 °C — max 40 °C.
- Frost free location.
- Vertical operating position.
- Maximum immersion depth: 50 m.
- Maximum number of starts per hour: 20.

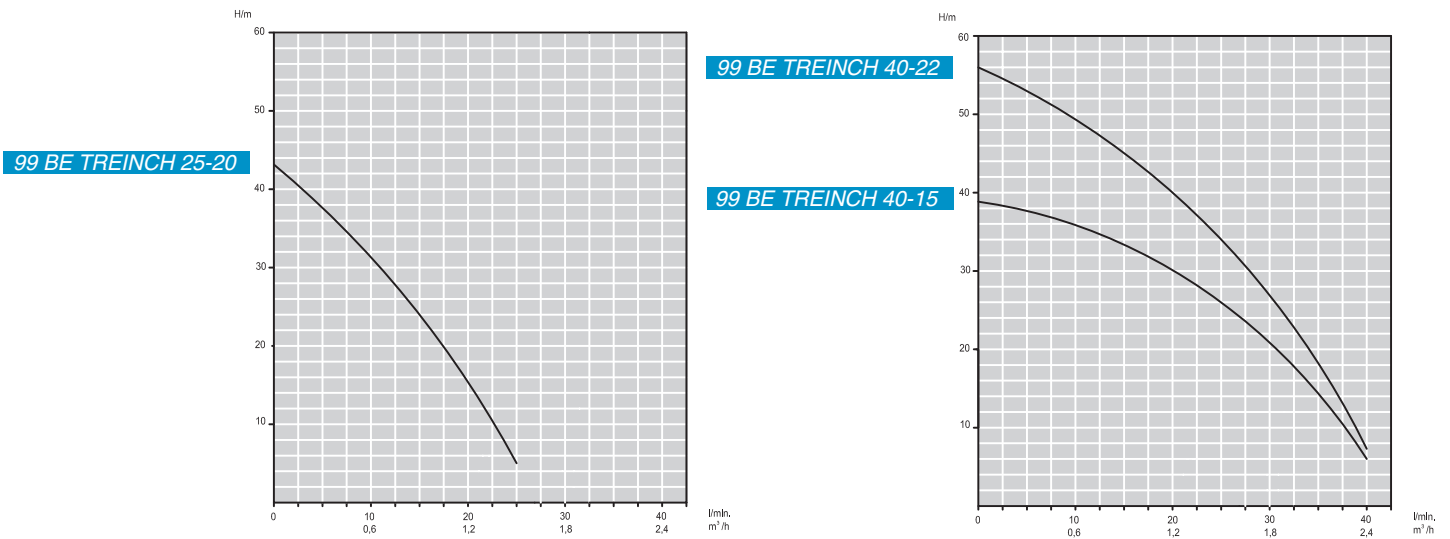
ACCESSORIES

- Control panel.
- Level regulator.
- BE electronic level transmitter.
- SK 4G1,5 round cable or ID 4G1,5 round cable.

Technical specifications

Pump type	Motor		Cap. μ F VL 450	Max current		Outlet \varnothing	Delivery								
	HP	kW		230 V 1~	400 V 3~		l/min	0	10	15	20	25	30	35	40
				A	A			m^3/h	0	0,6	0,9	1,2	1,5	1,8	2,1
99 BE TREINCH 25-20	0,5	0,37	16	3,8	2,4	1"	Manometric head (m)	43	32	24	16	5			
99 BE TREINCH 40-15	0,5	0,37	16	3,8	2,4			39	36	33	30	26	21	14	6
99 BE TREINCH 40-22	0,75	0,55	—	—	2,6			56	51	45	40	34	28	18	7

Performance curves



Dimensions and weights

Pump type	Dimensions		Weight	
	mm		kg	
	H		230 V 1~	400 V 3~
	230 V 1~	400 V 3~	230 V 1~	400 V 3~
99 BE TREINCH 25-20	1008	1008	11,6	11,6
99 BE TREINCH 40-15	890	890	10,7	10,7
99 BE TREINCH 40-22	—	1055	—	11,8

* On request diameter 74 mm.

