



APPLICATIONS

Raising of water from deep wells and tanks, civil and industrial water raising systems, pumping liquids, sampling 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.
- External pump case, delivery port, suction port and other components in AISI 316 stainless steel.
- Impellers and diffusers in special technopolymer.
- Electric pumps produced directly with the meters of TPE-E 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.
- Electric motor cooled by non-toxic, non-polluting liquid.

OPERATING CONDITIONS

- The pump can not operate in dry conditions.
- Pump body always completely submerged.
- Temperature of pumped liquid: min 0 °C – max 40 °C.
- Frost free location.
- Vertical operating position (horizontal on request).
- Maximum immersion depth: 20 m.
- Maximum number of starts per hour: 20.

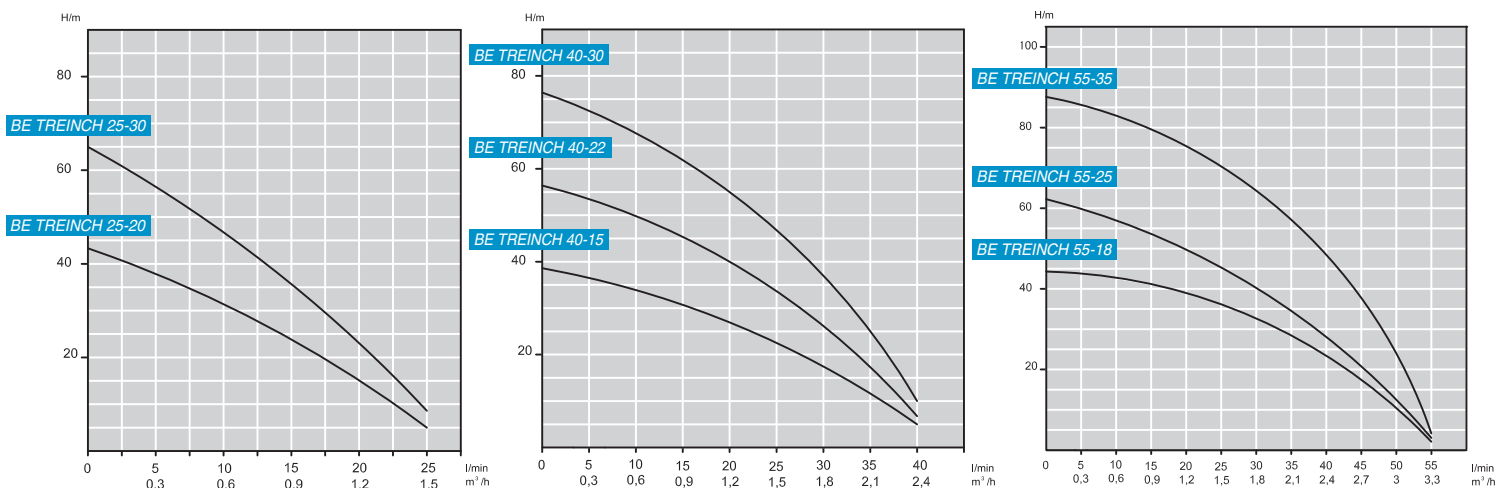
ACCESSORIES

- Control panel.
- BE electronic level transmitter.
- Maxifilter 90, available also with slope riser for oblique wells.
- TPE-E 4G1,5 composed cable.

Technical specifications

Pump type	Motor		Cap. μF VL 450	Max current		Outlet \emptyset	Delivery												
	HP	kW		230 V	400 V		l/min	0	10	15	20	25	30	35	40	45	50	55	
				1~	3~			m^3/h	0	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,3
BE TREINCH 25 - 20	0,5	0,37	16	3,7	2	1"	Manometric head (m)	43	32	24	16	5							
BE TREINCH 25 - 30	0,75	0,55	20	4,5	2,1			65	48	36	24	8							
BE TREINCH 40 - 15	0,5	0,37	16	3,7	2			38	34	31	27	23	19	12	5				
BE TREINCH 40 - 22	0,75	0,55	20	4,5	2,1			56	51	45	40	34	28	18	7				
BE TREINCH 40 - 30	1	0,75	25	5,8	2,5			76	69	62	55	46	38	24	10				
BE TREINCH 55-18	0,75	0,55	20	4,5	2,6			46	44	42	39	37	34	30	25	18	10	2	
BE TREINCH 55-25	1	0,75	25	6	3,2			62	60	56	54	50	46	40	32	24	12	3	
BE TREINCH 55-35	1,5	1,1	—	—	3,5			87	84	79	75	70	65	56	45	33	17	4	

Performance curves



Dimensions and weights

Pump type	Dimensions		Weight	
	mm		kg	
	H		230 V	400 V
	230 V	400 V	230 V	400 V
	1~	3~	1~	3~
BE TREINCH 25 - 20	1039	1039	11,6	11,6
BE TREINCH 25 - 30	1329	1309	13,4	12,9
BE TREINCH 40 - 15	922	922	10,7	10,7
BE TREINCH 40 - 22	1106	1086	12,3	11,8
BE TREINCH 40 - 30	1349	1349	13,9	13,4
BE TREINCH 55-18	1059	1039	11,7	11,2
BE TREINCH 55-25	1297	1277	13,5	13
BE TREINCH 55-35	—	1558	—	14,9

