



BLUE ELEPHANT ***SUBMERSIBLE PUMPS***



PRODUCT CATALOGUE



www.tftpumps.com



TRIVIKRAM FLOWTECH

MANUFACTURER OF
INDUSTRIAL SLURRY PUMPS &
SUBMERSIBLE SLURRY PUMPS



QUALITY ASSURANCE





About TFT

"TFT" is a world class special pump manufacturing company started by eminent engineers with 3 decades of field expertise in design, manufacture, application engineering, R&D, after sales service in industrial pumps. Established in 1999, TFT has thrived over the years with a strong vision to escalate the productivity of all the processes of the industry by refining fluid handling process.

Our team works from the ground up to understand the fluid handling needs and then design a comprehensive and futuristic fluid processing model that best suits to improve productivity in all kinds of process that the industry needs. Our support doesn't end after supply, we offer support from installation and commissioning activities to aftermarket servicing; therefore, we are known for our superlative and efficient works among our customers.

Trivikram Flowtech (TFT) is the ultimate destination, where we provide fluid solutions for a wide range of industries. Our areas of expertise include application engineering, R&D, selection of pumps and much more. Accepting all of that, we offer an extensive range of positive displacement and centrifugal pumps favouring the commercial markets. Our products are of premium quality. reliable and robust for usage in industrial. Our pumps are synonymous to providing leading performance and high efficiency. Our main products are submersible pumps, dewatering pumps, sewage / water pumps, centrifugal pumps (Radial, Axial & Mixed Flow) industrial pumps motors and engines we also design and built a wide range of special pumps for suitable application.

SOME OF OUR MAJOR CLIENTS





BE SUBMERSIBLE PUMP



BLUE ELEPHANT SERIES

The body of motor and pump is made of rigid cast iron which can be used for long-lasting durability. Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure. The impeller and Inlet plate are made of high chrome. The hardness of this material is at least 58 HR, it's more durable than other materials.

Due to the special design of the water passage, the water can make the motor cool down when they pass through the pump body.

With the vertical outlet design at the top, this pump can be used in smaller space. This pump has built-in thermal protection to protect the motor over thousands of times. This pump has the special technology of the cable, so you don't need to worry about the leakage of water from cable any more.

Discharge 50mm (2") to 150mm (6"). motor 1.5kW (2HP) to 15kW (20HP).



Specification

- Insulation class : F
- Protection class : IP68
- Cable length : 8m
- Water temperature : up to 40°C
- Max.water depth : 25m

- Capacity : up to 160 m3/h
- Head : up to 57 meters
- Power : 1.5kW(2HP) to 15 kW (20HP)
- Power supply : Three phase 380V \pm 10%,50Hz

Application

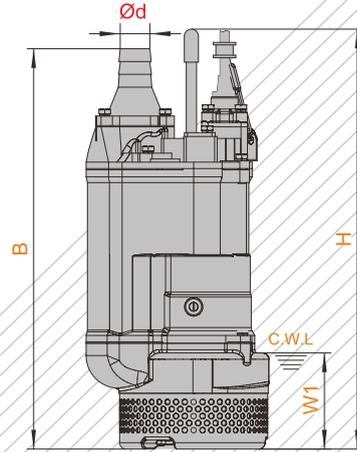
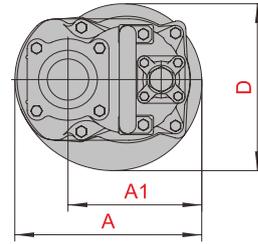
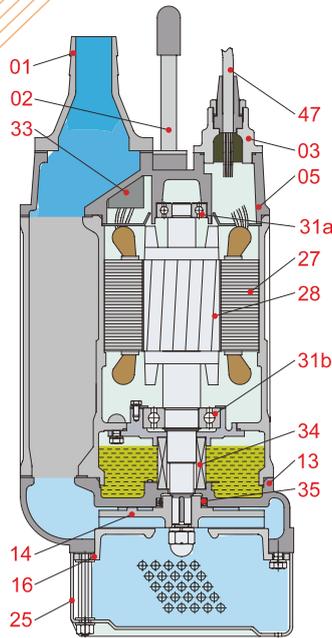
- Civil engineering / Construction sites
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes
- Crusher / Sand wash
- De-Watering

Special features on request

- The length of cable is optional



BE SUBMERSIBLE PUMP



W1: Continuous running water level

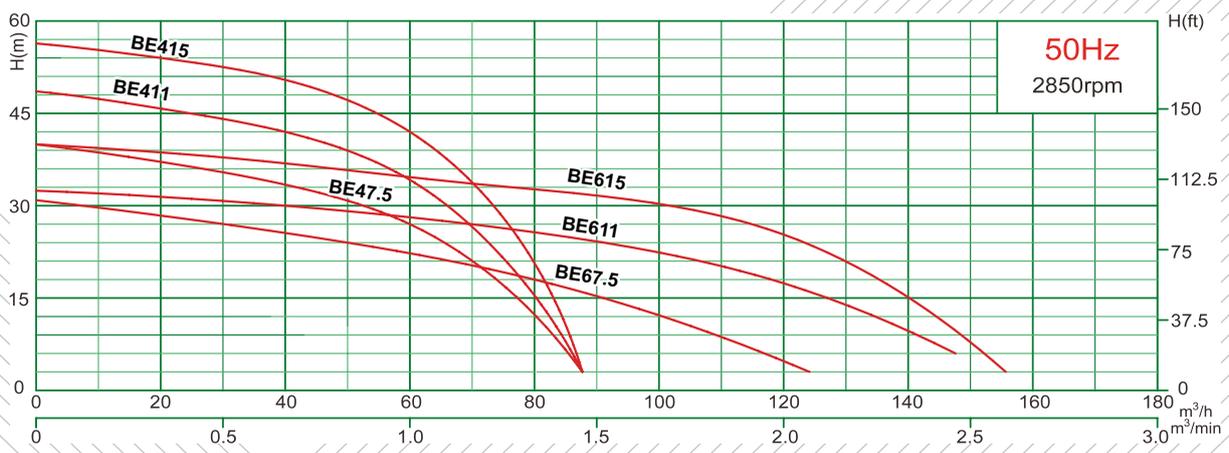
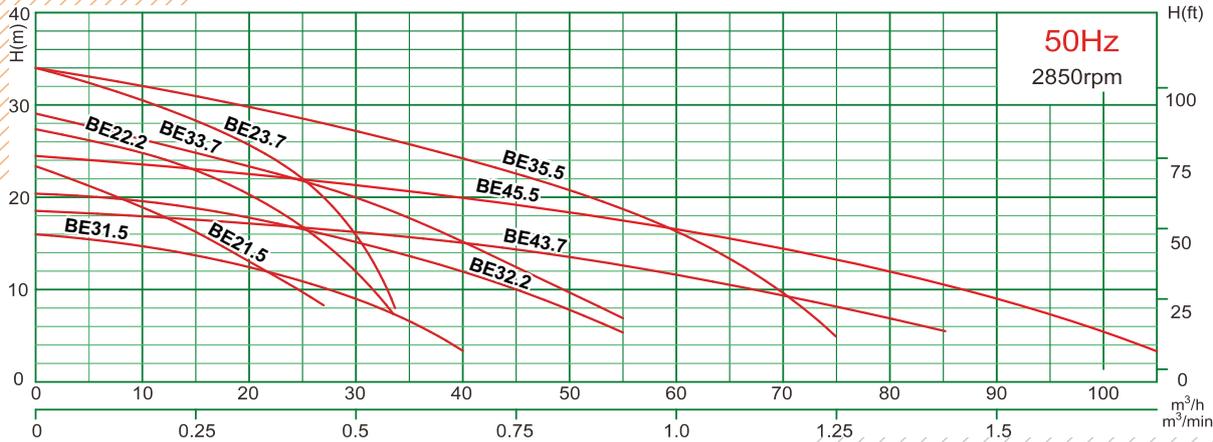
Item No.	Part name	Material
01	Hose coupling	Cast iron
02	Handle	Rubber&steel
05	Upper cover	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14	Impeller	High chrome (Hard)
16	Inlet plate	High chrome (Hard)
25	Strainer	Steel

Item No.	Part name	Material
27	Stator	
28	Rotor	Shaft:AISI420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
33	Motor protector	
34	Mechanical seal	Sic-Sic/Carbon-Sic(≤ 2.2kW) Sic-Sic/Sic-Sic(≤ 3.7kW)
35	Oil seal	
47	Cable	Special

Model	d	A	A1	B	D	H	W1	N.W	G.W	Packing dimension
(50 Hz)	mm	Kg	Kg	(mm)						
BE21.5	50	235	173	535	216	505	120	36	40	590X290X260
BE31.5	80	235	173	535	216	505	120	36	40	590X290X260
BE22.2	50	235	173	535	216	505	120	39	43	590X290X260
BE32.2	80	235	173	535	216	505	120	39	43	590X290X260
BE23.7	50	283	208	628	252	629	150	63	68	690X340X330
BE33.7	80	283	208	628	252	629	150	63	68	690X340X330
BE43.7	100	283	208	642	252	629	150	63	68	690X340X330
BE35.5	80	283	208	671	252	590	150	77	84	740X370X380
BE45.5	100	283	208	686	252	590	150	77	84	740X370X380
BE47.5	100	330	240	764	314	676	190	106	116	810X370X410
BE67.5	150	330	240	790	314	676	190	108	119	860X430X450
BE411	100	373	255	807	350	695	190	136	148	840X370X410
BE611	150	373	255	807	350	695	190	139	150	860X430X450
BE415	100	373	255	842	350	755	190	144	158	890X430X450
BE615	150	373	255	842	350	755	190	146	160	890X430X450



BE SUBMERSIBLE PUMP



Model 50HZ	Outlet mm	Motor power		Rated current (400V) A	Rated capacity		Rated head m	Max capacity		Max head m	Impeller passage mm
		kW	HP		m³/h	m³/min		m³/h	m³/min		
BE 21.5	50	1.5	2	3.5	15	0.25	15	27	0.45	22	8.5
BE 31.5	80	1.5	2	3.5	30	0.50	8	40	0.67	14.5	8.5
BE 22.2	50	2.2	3	5.0	18	0.30	20	33	0.55	26	8.5
BE 32.2	80	2.2	3	5.0	36	0.60	11	55	0.92	19	8.5
BE 23.7	50	3.7	5	7.7	12	0.20	30	33	0.55	34	8.5
BE 33.7	80	3.7	5	7.7	30	0.50	20	55	0.92	29	8.5
BE 43.7	100	3.7	5	7.7	60	1.0	11.5	90	1.50	18.5	8.5
BE 35.5	80	5.5	7.5	11.4	36	0.60	25	75	1.25	34	8.5
BE 45.5	100	5.5	7.5	11.4	60	1.0	16	105	1.75	23	8.5
BE 47.5	100	7.5	10	15	48	0.8	30	84	1.40	40	11.5
BE 67.5	150	7.5	10	15	90	1.60	15	124.8	2.08	31	19.5
BE 411	100	11	15	22	60	1.0	35	84	1.40	48.5	11.5
BE 611	150	11	15	22	102	1.70	22	147	2.45	32	19.5
BE 415	100	15	20	29.5	60	1	42	84	1.40	56	11.5
BE 615	150	15	20	29.5	102	1.7	30	156	2.6	40	19.5



TRIVIKRAM FLOWTECH

21, Indira Nagar, Gopalamy Colony,
KNG Pudur Pirivu, Thadagam Road,
Coimbatore,
Tamilnadu - 641025.

1800 572 9621

0422-2966224, +91-95974 38001

GSTIN : 33AADFT0735A1ZV

sales@tftpumps.com

www.tftpump.com

