



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





DUMBO SUBMERSIBLE SLURRY PUMP



BLUE ELEPHANT SERIES

Submersible slurry pump with a high speed motor for an increased lifetime and greater convenience. High chrome alloy impeller combined with agitator for pumping heavy slurry. Slim design with a top discharge enabling installation in smaller casing. For bentonite mixed water in foundation works or muddy water in civil engineering works



Specification

- Insulation class : F
- Protection class : IP68
- Cable length : 8m
- Water temperature : up to 40°C
- Max.water depth : 15m
- Capacity : up to 372 m³/h
- Head : up to 32 meters
- Power : 4 kW(5.5HP) to 22 kW (30HP)
- Power supply : Three phase 400V ± 10%,50Hz

Application

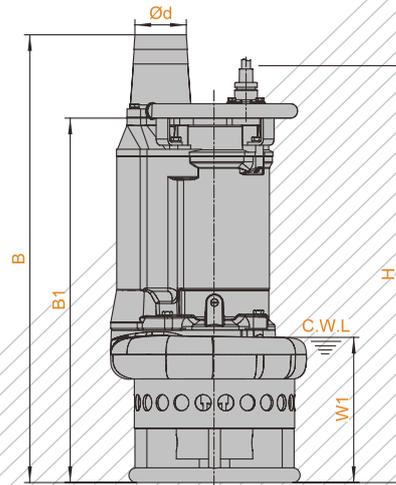
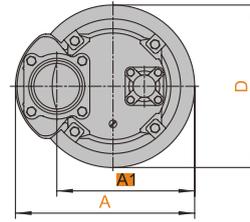
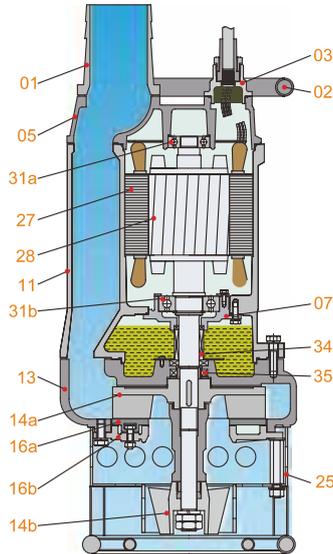
- Civil engineering
- Mines, quarries, coal ore & slurry
- Sewage treatment plants
- General pumping purposes
- Pumping fluid : sludge, liquids-containing mud and bentonite

Special features on request

- The length of cable is optional



DUMBO SUBMERSIBLE SLURRY PUMP



W1: Continuous running water level

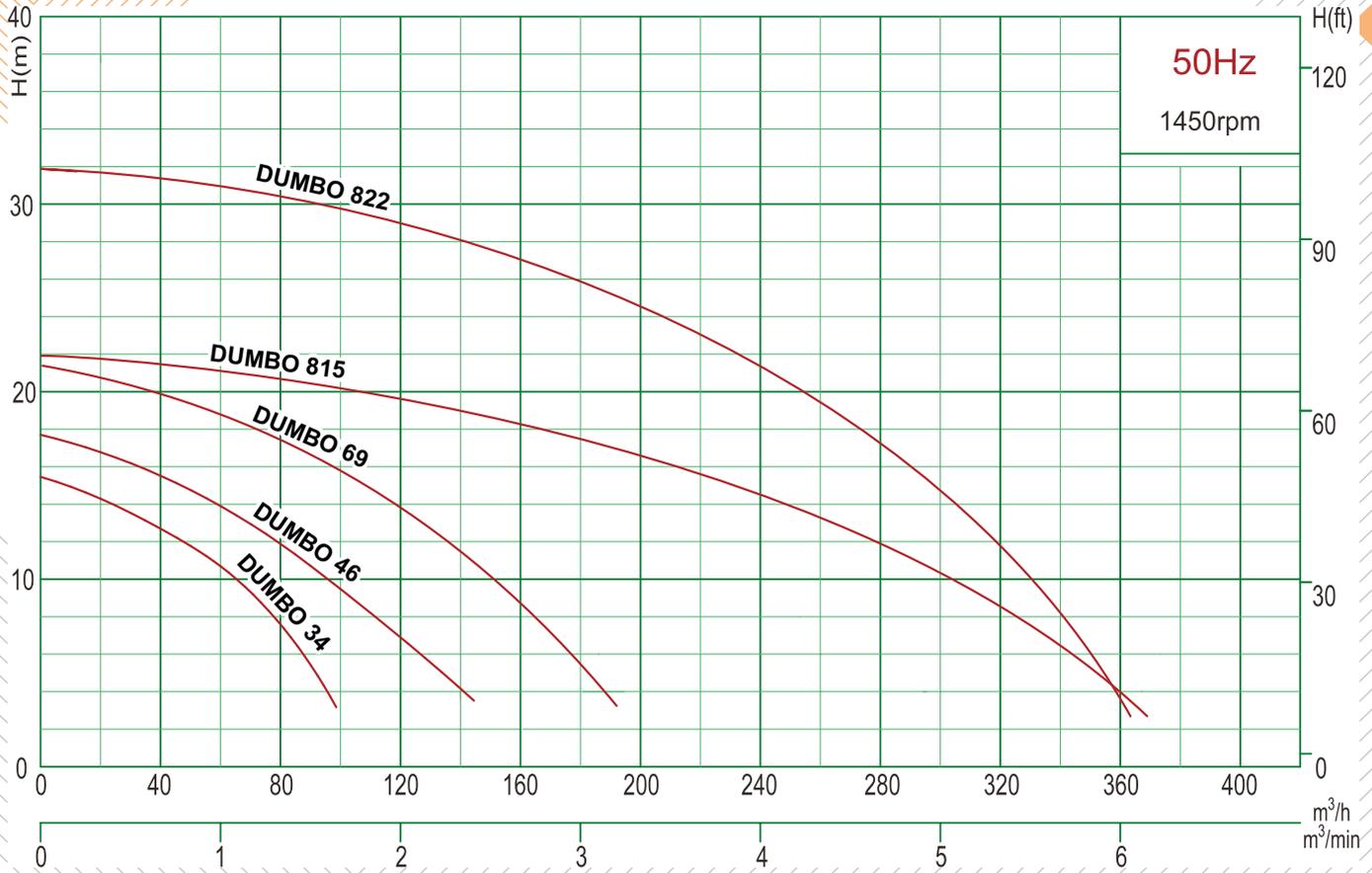
Item No.	Part name	Material
01	Hose coupling	Cast iron
02	Handle	Steel
05	Upper cover	Cast iron
07	Bearing housing	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14a	Impeller	High chrome alloy
14b	Agitator	High chrome alloy
16a	Inlet plate	High chrome alloy

Item No.	Part name	Material
16b	Inlet plate	Cast iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft : AISI 420 SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical seal	Sic-Sic/Sic-Sic Tc-Sic/Sic-Sic(≥15kW)
35	Oil seal	
47	Cable	

Model	d	A	A1	B	B1	D	H	W1	N.W	G.W	Packing dimension
50 Hz	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	mm
DUMBO 34	80	350	260	816	678	326	730	250	108.5	119	885X385X395
DUMBO 46	100	415	305	844	682	373	730	250	141	151	470X410X985
DUMBO 69	150	434	324	889	727	407	776	250	171	183	470X470X1045
DUMBO 815	200	484	352	1121	889	457	980	295	260	278	540X500X1220
DUMBO 822	200	578	442	1245	1015	528	1200	330	408	434	740X570X1460



DUMBO SUBMERSIBLE SLURRY PUMP



Model 50 Hz	Outlet mm	Motor power		Starting Method	Rated current (380V) A	Rated capacity		Rated head m	Max capacity		Max head m	impeller passage mm
		kW	HP			m³/h	m³/min		m³/h	m³/min		
DUMBO 34	80	4	5.5	D.O.L.	10.2	60	1.0	10	99	1.65	14.8	30
DUMBO 46	100	6	8	D.O.L.	13.8	90	1.50	10	144	2.40	16.9	30
DUMBO 69	150	9	12	D.O.L.	19.5	100	1.67	15	192	3.20	21.5	30
DUMBO 815	200	15	20	D.O.L.	30.1	200	3.33	16	372	6.20	22	30
DUMBO 822	200	22	30	Star-Delta	42	200	3.33	24	360	6	32	30



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