BATLIBOI

The Profitable Choice
&
Affordable Solution

SERIES 'BS'

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TECHNICAL SPECIFICATION

Motor	: Four/Six Pole Continuos duty dry type squirrel cage induction motor.
Speed	: 1500/1000 RPM
Connection	: DOL, Star Delta, ATS
Range	: 1.5 HP to 50.0 HP
Temperature	: 45°C(Also available for higher temperature on request)
Voltage	: 415 V, 3 Phase, 50 Hz 110 V, 3 Phase, 60 Hz
Insulation	: "F" Class
Protection	: IP 68
Solid Size	: Up to 125 MM.
Concentration	: Up to 40%

MATERIAL OF CONSTRUCTION

Motor Body	: C.I. FG 260
Pump Casing	: C.I. FG 260
Oil Chamber	: C.I. FG 260
Quick Out Coupling	: C.I. FG 260 or S.S.
Shaft	: Stainless Steel
Impeller	: C.I. / S.S.
Mech. Seal	: Bi Directional Twin Mechanical seal with various face combination looking to the application.
Hardware	: S.S.
Cable	: PVC insulated double sheathed copper conductor flexible cable.

Special Material of construction available on request.

APPLICATION

Removal of Unscreened Sewage
Handling of Treated Effluent with Slurries and Solids
Transfer of Suspended Solids
Pumping of Sludge
Pumping of Waste Water & Storm Water

ALSO AVAILABLE WITH

Quick out Installation, Cooling Jacket, Cutter, Agitator arrangement, Seal Monitor Relay & Thermal overload protection are provided in all Models.

A Solution Driven Company . . . .

ZED PLUS ENTERPRISE
FIRST FLOOR-3,
BHAGWATI COMPLEX,
NR. JAIN MERCHANT SOCIETY
PALDI, AHMEDABAD.

LOW SPEED HEAVY DUTY SEWAGE & EFFLUENT SUBMERSIBLE PUMP SERIES 'BS'

BATLIBOI

Batliboi low speed heavy duty sewage & effluent submersible pump is vertical single casing pump with Non-clog S-Channel impeller for handling of unscreened sludge & solids. Squirrel cage induction motor specially manufactured by with 'F' class insulation, suitable up to 155° C (310° F) for 15 starts per hours. 'AS' pumps are also available with cooling jacket arrangement for dry pit as well as installation with different type of quick out installation.

Speed : 1500 RPM

PERFORMANCE TABLE

MODEL	H.P.	DEL. SIZE	SOLID SIZE		HEAD IN METERS												SHUT OFF	WT.
					2	4	6	8	10	12	14	16	18	20	22	24		
BS 402	2.0	65	40	DISCHARGE IN LPM	750	660	555	400	165								11	70
BS 403	3.0	65	40			720	675	630	570	495	397	255					18	105
BS 405	5.0	65	40			950	910	870	810	760	700	630	550	430	300	80	25	135
BS 853	3.0	100	85		1410	1260	1050	800	450								12	95
BS 855	5.0	100	85		1800	1650	1500	1320	1100	800	520	120					17	128
BS 857.5	7.5	100	85				2125	1900	1600	1250	850	400					17	145
BS 8510	10.0	100	85			2600	2475	2325	2100	1800	1375	750					18	162
BS 8512.5	12.5	100	85			3375	3187	2963	2700	2400	2000	1500	937	300			21	175
BS 10012.5	12.5	150	100			4200	3700	3150	2500	1800	1000						16	215
BS 10015	15.0	150	100			5187	4750	4350	3700	3000	2125	1250	375				19	280
BS 10020	20.0	150	100			6000	5625	5125	4625	4100	3500	3000	2312	1625	875		24	295

MODEL	H.P.	DEL. SIZE	SOLID SIZE		HEAD IN METERS												SHUT OFF	WT.
					6	8	12	16	20	24	28	32	36	40	45	50		
BS 607.5	7.5	80	60	DISCHARGE IN LPM	1410	1335	1155	915	600								24	158
BS 6010	10.0	80	60		1590	1500	1350	1140	900	600	150						29	177
BS 6012.5	12.5	80	60			1800	1600	1440	1240	1000	700	280					34	192
BS 6015	15.0	100	60			2000	1825	1600	1350	1000	250						29	294
BS 6020	20.0	100	60			2250	2100	1975	1800	1575	1200	550					35	309
BS 6025	25.0	100	60		2640	2580	2460	2280	2100	1860	1560	1200	780				40	330
BS 6030	30.0	100	60		2940	2880	2760	2580	2400	2160	1920	1600	1200	720			45	345
BS 6035	35.0	100	60		3225	3150	3000	2850	2700	2475	2250	2025	1725	1350	750		50	365
BS 10025	25.0	150	100		5437	5125	4375	3500	2250	600							25	320
BS 10030	30.0	150	100		5937	5687	5062	4350	3125	1625							28	335
BS 10035	35.0	150	100		6500	6250	5625	4875	4000	3000	1600						32	350