**BATLIBOI PUMPS**

BATLIBOI

First Time in India

*TWIN Technology availed by Indian Manufacturer*

# *The Profitable Choice & Affordable Solution*

## SERIES 'BD'

*First Choice of Contractors*

## SERIES 'BD'

### TECHNICAL SPECIFICATION

| | |
|---|---|
| Motor | : Two/Four Pole continuous duty squirrel cage sub. type induction motor. |
| Speed | : 3000 RPM / 1500 RPM |
| Connection | : DOL (Star Delta Optional) |
| Range | : 1.0 HP to 50.0 HP |
| Temperature | : 45°C (Also available for higher temperature on request) |
| Voltage | : 415 V, 3 Phase, 50 Hz<br>215 V, 1 Phase, 50 Hz (Up to 3.0 HP)<br>110 V, 3 Phase, 60 Hz<br>110 V, 1 Phase, 60 Hz |

Class of Insulation : 'F' Class
Concentration : up to 50,000 PPM

### MATERIAL OF CONSTRUCTION

| | |
|---|---|
| Motor Body | : Stainless Steel |
| Cooling Jacket | : Stainless Steel |
| Pump Casing | : C.I. FG 260/AL. Alloys |
| Shaft | : Stainless Steel |
| Impeller | : C.I. / S.S. |
| Mech. Seal | : Bi Directional Twin Mechanical seal with various face combination |
| Strainer | : S.S. with 6 or 10 MM Round Holes |
| Hardware | : S.S. |
| Cable | : PVC insulated double sheathed copper conductor flexible cable. |

Special Material of construction available on request.

### APPLICATION

Dewatering of Dirty Water,
Dewatering of Sandy / Muddy Water,
Storm Water, Pits, Dam Sites, Rivers,
Construction Sites, Basements,
Cooling Water Circulation.

### ALSO AVAILABLE WITH

Single phase pumps are provide with auto water level controller & Thermal Protection on request.

*A Solution Driven Company . . . . .*

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

# SUBMERSIBLE DEWATERING PUMP - SERIES 'BD'

BATLIBOI

Batliboi Dewatering pump is compact and sturdy in design, having light weight and used for continuous duty applications. Cooling Jacket and Vertical discharge arrangement is provided to keep motor cooled itself by liquid being pumped.

**Speed : 3000 RPM**

## PERFORMANCE TABLE

| MODEL | H.P. | DEL. SIZE | | HEAD IN METERS | | | | | | | | | | | | | SHUT OFF | WT. (C.I.) | WT. (AL.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 28 | 32 | | | |
| BD 121 | 1.0 | 50 | | 400 | 352 | 304 | 240 | 144 | | | | | | | | | 12 | 25 | 15.5 |
| BD 151.5 | 1.5 | 65 | | 800 | 660 | 460 | 160 | | | | | | | | | | 9 | 25.5 | 16 |
| BD 121.5 | 1.5 | 50 | | 470 | 430 | 385 | 335 | 270 | 180 | 70 | | | | | | | 15 | 32.5 | 21 |
| BD 152 | 2.0 | 65 | | 900 | 800 | 625 | 440 | | | | | | | | | | 10 | 32.5 | 21 |
| BD 122 | 2.0 | 50 | | 550 | 525 | 485 | 437 | 380 | 312 | 225 | 125 | | | | | | 18 | 33 | 21.5 |
| BD 153 | 3.0 | 75 | | 950 | 880 | 800 | 700 | 600 | 490 | 370 | 260 | 120 | | | | | 20 | 48 | 35 |
| BD 123 | 3.0 | 50 | | | 400 | 385 | 370 | 360 | 340 | 325 | 300 | 275 | 250 | 175 | 65 | | 30 | 44 | 33.5 |
| BD 205 | 5.0 | 100 | | | 2200 | 2000 | 1760 | 1400 | 920 | 200 | | | | | | | 14.5 | 62 | 45 |
| BD 155 | 5.0 | 75 | | | 1100 | 1070 | 1050 | 1000 | 930 | 820 | 675 | 590 | 240 | | | | 22 | 58 | 42 |
| BD 125 | 5.0 | 65 | | | 750 | 720 | 690 | 650 | 615 | 580 | 525 | 480 | 420 | 270 | 105 | | 30 | 56 | 41 |
| BD 207.5 | 7.5 | 100 | | | 2400 | 2250 | 2100 | 1800 | 1400 | 800 | | | | | | | 16 | 70 | 55 |
| BD 157.5 | 7.5 | 75 | DISCHARGE IN LPM | | 1375 | 1305 | 1250 | 1180 | 1125 | 1045 | 966 | 875 | 750 | 500 | 170 | | 30 | 67 | 53 |
| BD 3010 | 10.0 | 150 | | 4200 | 3900 | 3600 | 3200 | 2700 | 2000 | 1200 | | | | | | | 16 | 120 | 70 |
| BD 3012.5 | 12.5 | 150 | | | 4500 | 4200 | 3850 | 3400 | 2800 | 2100 | 1250 | | | | | | 18 | 143 | 85 |
| BD 3015 | 15.0 | 150 | | | 4500 | 4250 | 3950 | 3650 | 3350 | 3000 | 2600 | 2200 | 1800 | 950 | | | 28 | 195 | 120 |
| BD 3020 | 20.0 | 150 | | | 5000 | 4750 | 4500 | 4250 | 4000 | 3750 | 3400 | 3100 | 2750 | 2000 | 1200 | 400 | 34 | 220 | 152 |
| BD 3525 | 25.0 | 200 | | | | 6750 | 6300 | 5925 | 5300 | 4500 | 3750 | 2550 | 1500 | | | | 21.5 | 255 | 180 |
| BD 3530 | 30.0 | 200 | | | | | 7125 | 6750 | 6300 | 5700 | 5150 | 4125 | 3000 | 675 | | | 25 | 276 | 203 |
| BD 3535 | 35.0 | 200 | | | | | 7650 | 7275 | 6900 | 6525 | 6000 | 5400 | 4725 | 3000 | | | 28 | 297 | 220 |

| MODEL | H.P. | DEL. SIZE | | HEAD IN METERS | | | | | | | | | | | | | SHUT OFF | WT. (C.I.) | WT. (AL.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | 45 | 50 | 55 | | | |
| BD 2010 | 10.0 | 100 | | 2400 | 2200 | 2000 | 1750 | 1400 | 1000 | 500 | | | | | | | 32 | 110 | 65 |
| BD 2012.5 | 12.5 | 100 | | 2500 | 2350 | 2150 | 1950 | 1700 | 1400 | 1000 | 550 | | | | | | 36 | 133 | 80 |
| BD 2015 | 15.0 | 100 | | 2800 | 2600 | 2400 | 2175 | 1950 | 1700 | 1400 | 1100 | 750 | 350 | | | | 43 | 184 | 110 |
| BD 2020 | 20.0 | 100 | | | 2640 | 2550 | 2400 | 2220 | 2040 | 1860 | 1620 | 1380 | 1080 | 660 | 180 | | 52 | 210 | 140 |
| BD 2525 | 25.0 | 150 | | | | 3800 | 3500 | 3150 | 2800 | 2400 | 2000 | 1600 | 1100 | 450 | | | 48 | 243 | 174 |
| BD 2530 | 30.0 | 150 | | | | 4000 | 3800 | 3500 | 3200 | 2800 | 2500 | 2100 | 1700 | 1100 | 500 | | 54 | 264 | 196 |
| BD 2535 | 35.0 | 150 | DISCHARGE IN LPM | | | 4400 | 4200 | 3900 | 3650 | 3300 | 3000 | 2600 | 2200 | 1650 | 1050 | 550 | 60 | 284 | 210 |