

# BORE WELL SUBMERSIBLE PUMPSET

Overall efficiency of the pumpsets



Single Phase Borewell Submersible



IS: 8034



CM/L:6500032197

## Performance Chart For Bore well Submersible Pumpsets

| MODEL    | HP  | FEET | PIPE SIZE | DELIVERY | CURRENT | DISCHARGE | DELIVERY | CURRENT | DISCHARGE | DELIVERY | CURRENT | DISCHARGE | DELIVERY | CURRENT | DISCHARGE | DELIVERY | CURRENT | DISCHARGE | DELIVERY | CURRENT | DISCHARGE |
|----------|-----|------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|----------|---------|-----------|
|          |     |      | (In MM)   | FEET     | AMPS    | LPM       | FEET     | AMPS    | LPM       | FEET     | AMPS    | LPM       | FEET     | AMPS    | LPM       | FEET     | AMPS    | LPM       | FEET     | AMPS    | LPM       |
| KEB 0505 | 0.5 | 100  | 32        | 30       | 5.3     | 82        | 50       | 5.2     | 75        | 70       | 5.2     | 60        | 80       | 5.1     | 56        | 100      | 5.1     | 46        | 120      | 5.0     | 28        |
| KEB 1009 | 1.0 | 180  | 32        | 70       | 7.8     | 88        | 100      | 7.7     | 79        | 130      | 7.7     | 72        | 150      | 7.7     | 66        | 180      | 7.5     | 51        | 200      | 7.2     | 39        |
| KEB 1016 | 1.0 | 250  | 32        | 75       | 7.6     | 59        | 100      | 7.6     | 54        | 150      | 7.7     | 45        | 200      | 7.7     | 39        | 250      | 7.7     | 31        | 300      | 7.6     | 21        |
| KEB 1512 | 1.5 | 300  | 32        | 125      | 10.1    | 76        | 165      | 10.5    | 69        | 200      | 10.02   | 62        | 250      | 9.9     | 49        | 300      | 9.6     | 32        | 350      | 9.4     | 20        |
| KEB 1521 | 1.5 | 340  | 32        | 100      | 10.3    | 53        | 150      | 10.1    | 42        | 200      | 10.11   | 46        | 260      | 10.1    | 39        | 340      | 10.1    | 31        | 420      | 9.9     | 19        |
| KEB 2017 | 2.0 | 400  | 32        | 200      | 12.8    | 65        | 270      | 12.8    | 67        | 340      | 12.6    | 55        | 380      | 12.2    | 45        | 420      | 11.6    | 30        | 430      | 10.7    | 19        |
| KEB 2028 | 2.0 | 450  | 32        | 100      | 12.5    | 59        | 200      | 12.8    | 49        | 300      | 12.7    | 43        | 450      | 12.8    | 31        | 500      | 12.8    | 27        | 550      | 12.5    | 16        |

### CAPACITORS USED

| Model    | Start Cap.    | Run Cap. |
|----------|---------------|----------|
| KEB 1009 | - 80/100 mfd  | - 50 mfd |
| KEB 1016 | - 80/100 mfd  | - 50 mfd |
| KEB 1512 | - 100/120 mfd | - 72 mfd |
| KEB 1521 | - 100/120 mfd | - 72 mfd |
| KEB 2017 | - 100/120 mfd | - 90 mfd |
| KEB 2028 | - 100/120 mfd | - 90 mfd |

**Caution :** Use only high quality copper wire for wiring purpose, 1.5 Sq.mm Wire upto 10 mtrs and the above use 2.5 Sq.mm wire