



Sewage and Drainage Submersible Pumpsets - MSP & MDP Series

HP Range : 1.0 - 5.0 hp
 Discharge : 850 - 150 lpm
 Head Range : 5 - 18 Mts
 Insulation : Class 'B'
 Speed : 2880 rpm

PERFORMANCE OF "MAHENDRA" MSP SERIES SEWAGE SUBMERSIBLE PUMPSETS AT 2880 RPM 230 VOLTS, SINGLE PHASE (UPTO 3.0HP) (or) 415 VOLTS THREE PHASE, AC, 50 HZ SUPPLY

| S.No. | PUMP MODEL | HP/kW | DEL.SIZE (mm) | MAX.SOLID SIZE (mm) | DISCHARGE IN LPM | 450 | 400 | 350 | 300 | 250 | 200 | 150 | | |
|-------|------------|----------|---------------|---------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | MSP 10 | 1.0/0.75 | 50 | 15 | TOTAL HEAD IN METRES | | | 5 | 7 | 8 | 9 | 10 | | |
| 2 | MSP 15 | 1.5/1.1 | 50 | 15 | | | 8 | 9 | 10 | 11 | 13 | | | |
| 3 | MSP 20 | 2.0/1.5 | 50 | 18 | | 9 | 10 | 11 | 12 | 14 | | | | |
| | | | | | DISCHARGE IN LPM | 850 | 800 | 750 | 700 | 650 | 600 | 550 | 500 | 450 |
| 4 | MSP 30 | 3.0/2.2 | 50 | 20 | TOTAL HEAD IN METRES | | | | | 12 | 13 | 15 | 16 | 18 |
| 5 | MSP 50 | 5.0/3.7 | 75 | 25 | TOTAL HEAD IN METRES | 8 | 10 | 11 | 12 | 13 | 15 | | | |

PERFORMANCE OF "MAHENDRA" MDP SERIES DRAINAGE SUBMERSIBLE PUMPSETS AT 2880 RPM 230 VOLTS, SINGLE PHASE (UPTO 3.0HP) (or) 415 VOLTS THREE PHASE, AC, 50 HZ SUPPLY

| S.No. | PUMP MODEL | HP/kW | DEL.SIZE (mm) | MAX.SOLID SIZE (mm) | DISCHARGE IN LPM | 420 | 370 | 320 | 270 | 220 | 180 | 150 | | |
|-------|------------|----------|---------------|---------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | MDP 10 | 1.0/0.75 | 50 | 10 | TOTAL HEAD IN METRES | | | 5 | 7 | 8 | 9 | 10 | | |
| 2 | MDP 15 | 1.5/1.1 | 50 | 10 | | | 8 | 9 | 10 | 11 | 13 | | | |
| 3 | MDP 20 | 2.0/1.5 | 50 | 12 | | 9 | 10 | 11 | 12 | 14 | | | | |
| | | | | | DISCHARGE IN LPM | 800 | 760 | 720 | 670 | 620 | 570 | 520 | 470 | 420 |
| 4 | MDP 30 | 3.0/2.2 | 50 | 15 | TOTAL HEAD IN METRES | | | | | 12 | 13 | 15 | 16 | 18 |
| 5 | MDP 50 | 5.0/3.7 | 75 | 20 | TOTAL HEAD IN METRES | 8 | 10 | 11 | 12 | 13 | 15 | | | |