

Performance of "Mahendra" MHB series monobloc pumpsets at 2880 RPM with 415 volts, three phase, AC, 50 Hz supply

| Sl. No. | PUMP MODEL | HP / KW | PIPE SIZE mm | TOTAL HEAD IN METRES | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60 | 63 | 66 | |
|---------|------------|-------------|--------------|----------------------|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | | | | | DISCHARGE IN LPM | | | | | | | | | | | | | | | | | | | | | |
| 1 | MHB 1 | 2.0 / 1.5 | 50 x 40 | DISCHARGE IN LPM | 685 | 620 | 535 | 252 | | | | | | | | | | | | | | | | | | |
| 2 | MHB 2 | 2.0 / 1.5 | 50 x 50 | | 715 | 665 | 480 | 204 | | | | | | | | | | | | | | | | | | |
| 3 | MHB 30 | 3.0 / 2.2 | 50 x 40 | | * | * | * | 496 | 468 | 386 | 252 | | | | | | | | | | | | | | | |
| 4 | MHB 39 | 3.0/2.2 | 50 x 40 | | * | * | * | * | * | 378 | 356 | 328 | 280 | 196 | | | | | | | | | | | | |
| 5 | MHB 18 | 3.0 / 2.2 | 65 x 50 | | * | * | * | 534 | 414 | 216 | | | | | | | | | | | | | | | | |
| 6 | MHB 3 | 3.0 / 2.2 | 65 x 50 | | 792 | 762 | 726 | 660 | 570 | 445 | 170 | | | | | | | | | | | | | | | |
| 7 | MHB 33 | 3.0 / 2.2 | 65 x 50 | | * | * | * | * | * | * | * | 384 | 336 | 246 | | | | | | | | | | | | |
| 8 | MHB 31 | 5.0 / 3.7 | 50 x 40 | | * | * | * | * | 628 | 584 | 468 | 360 | | | | | | | | | | | | | | |
| 9 | MHB 19 | 5.0 / 3.7 | 65 x 50 | | * | * | * | * | 660 | 612 | 536 | 420 | | | | | | | | | | | | | | |
| 10 | MHB 4 | 5.0 / 3.7 | 65 x 50 | | * | * | * | 726 | 714 | 708 | 684 | 564 | | | | | | | | | | | | | | |
| 11 | MHB 4HH | 5.0 / 3.7 | 65 x 50 | | * | * | * | * | * | * | 765 | 726 | 654 | 504 | | | | | | | | | | | | |
| 12 | MHB 36 | 5.0 / 3.7 | 65 x 50 | | * | * | * | * | * | * | * | * | 762 | 650 | 372 | | | | | | | | | | | |
| 13 | MHB 32 | 5.0 / 3.7 | 65 x 65 | | * | * | * | 746 | 682 | 546 | 402 | | | | | | | | | | | | | | | |
| 14 | MHB 5 | 5.0 / 3.7 | 75 x 65 | | * | * | 1089 | 972 | 408 | | | | | | | | | | | | | | | | | |
| 15 | MHB 20 | 5.0 / 3.7 | 75 x 65 | | 1520 | 1420 | 1314 | 1180 | 1010 | 702 | | | | | | | | | | | | | | | | |
| 16 | MHB 20HH | 5.0 / 3.7 | 75 x 65 | | * | * | * | * | 1080 | 1044 | 936 | | | | | | | | | | | | | | | |
| 17 | MHB 38 | 5.0 / 3.7 | 100 x 100 | | 1608 | 1542 | 1446 | 1308 | 1110 | 858 | | | | | | | | | | | | | | | | |
| 18 | MHB 21 | 7.5 / 5.5 | 65 x 50 | | * | * | * | * | * | 1120 | 998 | 890 | 627 | | | | | | | | | | | | | |
| 19 | MHB 6 | 7.5 / 5.5 | 65 x 50 | | * | * | * | * | * | * | * | 888 | 732 | 672 | 408 | | | | | | | | | | | |
| 20 | MHB 6HH | 7.5 / 5.5 | 65 x 50 | | * | * | * | * | * | * | * | * | * | 744 | 726 | 690 | 624 | 474 | | | | | | | | |
| 21 | MHB 7 | 7.5 / 5.5 | 75 x 65 | | * | * | 1400 | 1320 | 1020 | 870 | 485 | | | | | | | | | | | | | | | |
| 22 | MHB 22 | 7.5 / 5.5 | 75 x 65 | | * | * | 1248 | 1188 | 1128 | 1068 | 1002 | 924 | 756 | | | | | | | | | | | | | |
| 23 | MHB 8 | 7.5 / 5.5 | 75 x 75 | | * | * | * | 1324 | 1268 | 1189 | 968 | | | | | | | | | | | | | | | |
| 24 | MHB 34 | 7.5 / 5.5 | 100 x 75 | | * | 1842 | 1600 | 1468 | 980 | | | | | | | | | | | | | | | | | |
| 25 | MHB 23 | 7.5 / 5.5 | 100 x 75 | | * | * | * | 1386 | 1140 | 1032 | 720 | | | | | | | | | | | | | | | |
| 28 | MHB 24 | 10.0 / 7.5 | 65 x 50 | | * | * | * | * | * | * | * | 954 | 920 | 864 | 780 | 650 | | | | | | | | | | |
| 27 | MHB 9 | 10.0 / 7.5 | 65 x 50 | | * | * | * | * | * | * | * | 798 | 792 | 774 | 756 | 738 | 714 | 678 | 570 | 168 | | | | | | |
| 28 | MHB 10 | 10.0 / 7.5 | 75 x 65 | | * | * | * | * | * | * | * | 1230 | 1210 | 1190 | 1164 | 1056 | 816 | | | | | | | | | |
| 29 | MHB 11 | 10.0 / 7.5 | 75 x 75 | | * | * | * | * | * | 1400 | 1332 | 1268 | 980 | | | | | | | | | | | | | |
| 30 | MHB 35 | 10.0 / 7.5 | 100 x 75 | | * | * | 1860 | 1742 | 1140 | | | | | | | | | | | | | | | | | |
| 31 | MHB 25 | 10.0 / 7.5 | 100 x 75 | | * | * | * | * | 1596 | 1502 | 1322 | 980 | | | | | | | | | | | | | | |
| 32 | MHB 37 | 10.0 / 7.5 | 100 x 75 | | * | * | * | * | * | 1494 | 1470 | 1434 | 1380 | 1290 | 1128 | 858 | | | | | | | | | | |
| 33 | MHB 12 | 12.5 / 9.3 | 65 x 50 | | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 810 | 804 | 792 | 774 | 708 | 576 | 360 | |
| 34 | MHB 13 | 12.5 / 9.3 | 75 x 65 | | * | * | * | * | * | * | 1730 | 1630 | 1520 | 1400 | 1260 | 980 | | | | | | | | | | |
| 35 | MHB 26 | 12.5 / 9.3 | 75 x 65 | | * | * | * | * | * | * | * | * | * | 1260 | 1180 | 1060 | 900 | 640 | | | | | | | | |
| 36 | MHB 14 | 12.5 / 9.3 | 100 x 75 | | * | * | * | * | * | 1452 | 1396 | 1248 | 1050 | | | | | | | | | | | | | |
| 37 | MHB 27 | 12.5 / 9.3 | 100 x 75 | | * | * | * | * | * | * | * | 1960 | 1680 | 1420 | 1280 | 1060 | 780 | | | | | | | | | |
| 38 | MHB 15 | 15.0 / 11.0 | 65 x 50 | | * | * | * | * | * | * | * | * | * | * | * | * | * | 870 | 858 | 846 | 834 | 810 | 780 | 684 | | |
| 39 | MHB 28 | 15.0 / 11.0 | 75 x 65 | | * | * | * | * | * | * | * | * | 1270 | 1198 | 1112 | 1036 | 952 | | | | | | | | | |
| 40 | MHB 16 | 15.0 / 11.0 | 75 x 65 | | * | * | * | * | * | * | * | * | * | * | 1086 | 1062 | 1032 | 996 | 930 | 840 | 630 | | | | | |
| 41 | MHB 29 | 15.0 / 11.0 | 100 x 75 | | * | * | * | * | * | * | * | * | 1332 | 1308 | 1260 | 1188 | 1080 | 948 | 870 | | | | | | | |
| 42 | MHB 17 | 15.0 / 11.0 | 100 x 75 | | * | * | * | * | * | * | 1680 | 1674 | 1656 | 1614 | 1518 | 1356 | 1068 | | | | | | | | | |

* DENOTES OVER LOADING REGION