

BVM/BVMI/BVMX 1

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

PUMP DIMENSIONS – STANDARD

| Model Number | Motor HP | Motor Service Factor | Phase | Voltage | Motor Frame | BVM Cast Iron | | | | | | | | BVMI/BVMX Stainless Steel | | | | | | | |
|--------------|----------|----------------------|-------|---------------|-------------|----------------------|------|-----|-----|------|-----|---------------|--------------|---------------------------|------|-----|-----|------|-----|---------------|--------------|
| | | | | | | Dimensions in inches | | | | | | Weight in Lbs | | Dimensions in inches | | | | | | Weight in Lbs | |
| | | | | | | A | B | C | D | E | F | Pump End Only | Pump & Motor | A | B | C | D | E | F | Pump End Only | Pump & Motor |
| BVM1-2 | 0.5 | 1.25 | 1 | 115V/208-230V | 56C | 11.0 | 9.3 | 6.0 | 2.1 | 22.4 | 6.0 | 38 | 59 | 11.1 | 9.3 | 6.0 | 2.1 | 22.5 | 6.0 | 32 | 53 |
| BVM1-2 | 0.5 | 1.25 | 3 | 208-230V/460V | 56C | 11.0 | 10.2 | 6.6 | 2.1 | 23.2 | 6.6 | 38 | 73 | 11.1 | 10.2 | 6.6 | 2.1 | 23.3 | 6.6 | 32 | 67 |
| BVM1-3 | 0.5 | 1.25 | 1 | 115V/208-230V | 56C | 11.0 | 9.3 | 6.0 | 2.1 | 22.4 | 6.0 | 39 | 60 | 11.1 | 9.3 | 6.0 | 2.1 | 22.5 | 6.0 | 33 | 54 |
| BVM1-3 | 0.5 | 1.25 | 3 | 208-230V/460V | 56C | 11.0 | 10.2 | 6.6 | 2.1 | 23.2 | 6.6 | 39 | 74 | 11.1 | 10.2 | 6.6 | 2.1 | 23.3 | 6.6 | 33 | 68 |
| BVM1-4 | 0.5 | 1.25 | 1 | 115V/208-230V | 56C | 11.7 | 9.3 | 6.0 | 2.1 | 23.1 | 6.0 | 40 | 61 | 11.8 | 9.3 | 6.0 | 2.1 | 23.2 | 6.0 | 35 | 56 |
| BVM1-4 | 0.5 | 1.25 | 3 | 208-230V/460V | 56C | 11.7 | 10.2 | 6.6 | 2.1 | 23.9 | 6.6 | 40 | 75 | 11.8 | 10.2 | 6.6 | 2.1 | 24.0 | 6.6 | 35 | 70 |
| BVM1-5 | 0.5 | 1.25 | 1 | 115V/208-230V | 56C | 12.4 | 9.3 | 6.0 | 2.1 | 23.8 | 6.0 | 42 | 63 | 12.5 | 9.3 | 6.0 | 2.1 | 23.9 | 6.0 | 36 | 57 |
| BVM1-5 | 0.5 | 1.25 | 3 | 208-230V/460V | 56C | 12.4 | 10.2 | 6.6 | 2.1 | 24.6 | 6.6 | 42 | 77 | 12.5 | 10.2 | 6.6 | 2.1 | 24.7 | 6.6 | 36 | 71 |
| BVM1-6 | 0.75 | 1.25 | 1 | 115V/208-230V | 56C | 13.1 | 9.9 | 6.0 | 2.1 | 25.1 | 6.0 | 43 | 72 | 13.2 | 9.9 | 6.0 | 2.1 | 25.2 | 6.0 | 37 | 66 |
| BVM1-6 | 0.75 | 1.25 | 3 | 208-230V/460V | 56C | 13.1 | 10.2 | 6.6 | 2.1 | 25.3 | 6.6 | 43 | 73 | 13.2 | 10.2 | 6.6 | 2.1 | 25.4 | 6.6 | 37 | 67 |
| BVM1-7 | 0.75 | 1.25 | 1 | 115V/208-230V | 56C | 14.1 | 9.9 | 6.0 | 2.1 | 26.1 | 6.0 | 44 | 73 | 14.2 | 9.9 | 6.0 | 2.1 | 26.2 | 6.0 | 39 | 68 |
| BVM1-7 | 0.75 | 1.25 | 3 | 208-230V/460V | 56C | 14.1 | 10.2 | 6.6 | 2.1 | 26.3 | 6.6 | 44 | 74 | 14.2 | 10.2 | 6.6 | 2.1 | 26.4 | 6.6 | 39 | 69 |
| BVM1-8 | 1 | 1.25 | 1 | 115V/208-230V | 56C | 14.8 | 10.2 | 6.6 | 2.1 | 27.0 | 6.6 | 46 | 81 | 14.9 | 10.2 | 6.6 | 2.1 | 27.1 | 6.6 | 40 | 75 |
| BVM1-8 | 1 | 1.25 | 3 | 208-230V/460V | 56C | 14.8 | 10.4 | 7.2 | 2.1 | 27.3 | 7.2 | 46 | 99 | 14.9 | 10.4 | 7.2 | 2.1 | 27.4 | 7.2 | 40 | 93 |
| BVM1-9 | 1 | 1.25 | 1 | 115V/208-230V | 56C | 15.5 | 10.2 | 6.6 | 2.1 | 27.7 | 6.6 | 47 | 82 | 15.6 | 10.2 | 6.6 | 2.1 | 27.8 | 6.6 | 41 | 76 |
| BVM1-9 | 1 | 1.25 | 3 | 208-230V/460V | 56C | 15.5 | 10.4 | 7.2 | 2.1 | 28.0 | 7.2 | 47 | 100 | 15.6 | 10.4 | 7.2 | 2.1 | 28.1 | 7.2 | 41 | 94 |
| BVM1-10 | 1.5 | 1.15 | 1 | 115V/208-230V | 56C | 16.2 | 11.2 | 7.2 | 2.1 | 29.4 | 7.2 | 48 | 94 | 16.3 | 11.2 | 7.2 | 2.1 | 29.5 | 7.2 | 42 | 88 |
| BVM1-10 | 1.5 | 1.15 | 3 | 208-230V/460V | 56C | 16.2 | 11.2 | 7.2 | 2.1 | 29.4 | 7.2 | 48 | 90 | 16.3 | 11.2 | 7.2 | 2.1 | 29.5 | 7.2 | 42 | 84 |
| BVM1-11 | 1.5 | 1.15 | 1 | 115V/208-230V | 56C | 16.9 | 11.2 | 7.2 | 2.1 | 30.1 | 7.2 | 49 | 95 | 17.0 | 11.2 | 7.2 | 2.1 | 30.2 | 7.2 | 44 | 90 |
| BVM1-11 | 1.5 | 1.15 | 3 | 208-230V/460V | 56C | 16.9 | 11.2 | 7.2 | 2.1 | 30.1 | 7.2 | 49 | 91 | 17.0 | 11.2 | 7.2 | 2.1 | 30.2 | 7.2 | 44 | 86 |
| BVM1-12 | 1.5 | 1.15 | 1 | 115V/208-230V | 56C | 17.6 | 11.2 | 7.2 | 2.1 | 30.8 | 7.2 | 51 | 97 | 17.7 | 11.2 | 7.2 | 2.1 | 30.9 | 7.2 | 45 | 91 |
| BVM1-12 | 1.5 | 1.15 | 3 | 208-230V/460V | 56C | 17.6 | 11.2 | 7.2 | 2.1 | 30.8 | 7.2 | 51 | 93 | 17.7 | 11.2 | 7.2 | 2.1 | 30.9 | 7.2 | 45 | 87 |
| BVM1-13 | 1.5 | 1.15 | 1 | 115V/208-230V | 56C | 18.3 | 11.2 | 7.2 | 2.1 | 31.5 | 7.2 | 52 | 98 | 18.4 | 11.2 | 7.2 | 2.1 | 31.6 | 7.2 | 46 | 92 |
| BVM1-13 | 1.5 | 1.15 | 3 | 208-230V/460V | 56C | 18.3 | 11.2 | 7.2 | 2.1 | 31.5 | 7.2 | 52 | 94 | 18.4 | 11.2 | 7.2 | 2.1 | 31.6 | 7.2 | 46 | 88 |
| BVM1-15 | 2 | 1.15 | 1 | 115V/208-230V | 56C | 20.4 | 12.1 | 7.2 | 2.1 | 34.5 | 7.2 | 55 | 108 | 20.5 | 12.1 | 7.2 | 2.1 | 34.6 | 7.2 | 49 | 102 |
| BVM1-15 | 2 | 1.15 | 3 | 208-230V/460V | 56C | 20.4 | 12.1 | 7.2 | 2.1 | 34.5 | 7.2 | 55 | 104 | 20.5 | 12.1 | 7.2 | 2.1 | 34.6 | 7.2 | 49 | 98 |
| BVM1-17 | 2 | 1.15 | 1 | 115V/208-230V | 56C | 21.8 | 12.1 | 7.2 | 2.1 | 35.9 | 7.2 | 57 | 110 | 21.9 | 12.1 | 7.2 | 2.1 | 36.0 | 7.2 | 52 | 105 |
| BVM1-17 | 2 | 1.15 | 3 | 208-230V/460V | 56C | 21.8 | 12.1 | 7.2 | 2.1 | 35.9 | 7.2 | 57 | 106 | 21.9 | 12.1 | 7.2 | 2.1 | 36.0 | 7.2 | 52 | 101 |
| BVM1-19 | 3 | 1.15 | 1 | 115V/208-230V | 182TC | 23.7 | 15.4 | 8.9 | 2.6 | 41.7 | 8.9 | 62 | 150 | 23.3 | 15.4 | 8.9 | 2.6 | 41.3 | 8.9 | 56 | 144 |
| BVM1-19 | 3 | 1.15 | 3 | 208-230V/460V | 182TC | 23.7 | 13.9 | 8.9 | 2.6 | 40.3 | 8.9 | 62 | 130 | 23.3 | 13.9 | 8.9 | 2.6 | 39.9 | 8.9 | 56 | 124 |
| BVM1-21 | 3 | 1.15 | 1 | 115V/208-230V | 182TC | 25.1 | 15.4 | 8.9 | 2.6 | 43.1 | 8.9 | 64 | 152 | 24.7 | 15.4 | 8.9 | 2.6 | 42.7 | 8.9 | 58 | 146 |
| BVM1-21 | 3 | 1.15 | 3 | 208-230V/460V | 182TC | 25.1 | 13.9 | 8.9 | 2.6 | 41.7 | 8.9 | 64 | 132 | 24.7 | 13.9 | 8.9 | 2.6 | 41.3 | 8.9 | 58 | 126 |
| BVM1-23 | 3 | 1.15 | 1 | 115V/208-230V | 182TC | 27.3 | 15.4 | 8.9 | 2.6 | 45.3 | 8.9 | 67 | 155 | 26.1 | 15.4 | 8.9 | 2.6 | 44.1 | 8.9 | 61 | 149 |
| BVM1-23 | 3 | 1.15 | 3 | 208-230V/460V | 182TC | 27.3 | 13.9 | 8.9 | 2.6 | 43.9 | 8.9 | 67 | 135 | 26.1 | 13.9 | 8.7 | 2.6 | 42.7 | 8.7 | 61 | 129 |
| BVM1-25 | 3 | 1.15 | 1 | 115V/208-230V | 182TC | 28.7 | 15.4 | 8.9 | 2.6 | 46.7 | 8.9 | 69 | 157 | 27.6 | 15.4 | 8.7 | 2.6 | 45.6 | 8.7 | 64 | 152 |
| BVM1-25 | 3 | 1.15 | 3 | 208-230V/460V | 182TC | 28.7 | 13.9 | 8.9 | 2.6 | 45.3 | 8.9 | 69 | 137 | 27.6 | 13.9 | 8.7 | 2.6 | 44.2 | 8.7 | 64 | 132 |
| BVM1-27 | 3 | 1.15 | 1 | 208-230V/460V | 182TC | 29.5 | 13.9 | 8.9 | 2.6 | 46.1 | 8.9 | 72 | 140 | 29.2 | 13.9 | 8.7 | 2.6 | 45.8 | 8.7 | 66 | 134 |
| BVM1-27 | 3 | 1.15 | 3 | 115V/208-230V | 182TC | 29.5 | 15.4 | 8.9 | 2.6 | 47.5 | 8.9 | 72 | 160 | 29.2 | 15.4 | 8.7 | 2.6 | 47.2 | 8.7 | 66 | 154 |