

## Quiet-running vertical IN-LINE multi-stage centrifugal pumps

### Applications

Spray irrigation systems  
and hydropneumatic sets.

### Materials

Pump shaft, impellers, pump body  
and protection grid in stainless steel  
AISI 304.  
Suction body, discharge body  
and motor-pump coupling in cast iron.  
Diffusers in technopolymer.  
Motor housing in aluminium.  
Rods F 212 Zn.  
Pump motor coupling system V18.  
EnergyIndex MEI $\geq$ 0, 4.

### Motor

Asynchronous, two poles.  
IP 54 protection.  
Class F insulation.  
Continuous operation.  
Efficiency IE2.

### Limitations

Maximum temperature of liquid: 40 °C.

### Equipment

Supplied with counter flanges  
and gaskets.

**ErP READY**

**LENNTECH**  
WATER TREATMENT SOLUTIONS

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WATER SUPPLY SURFACE  
HORIZONTAL & VERTICAL

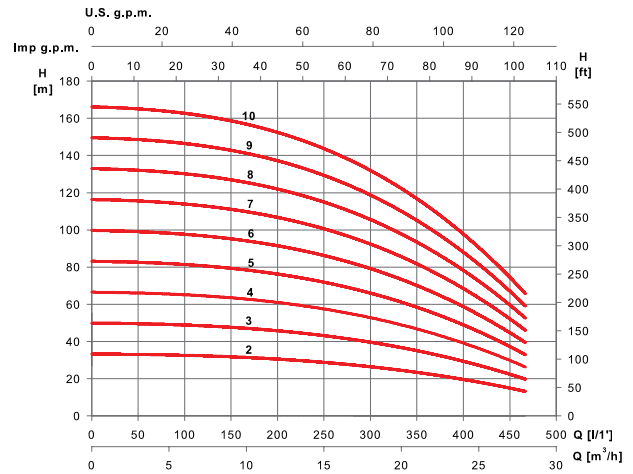
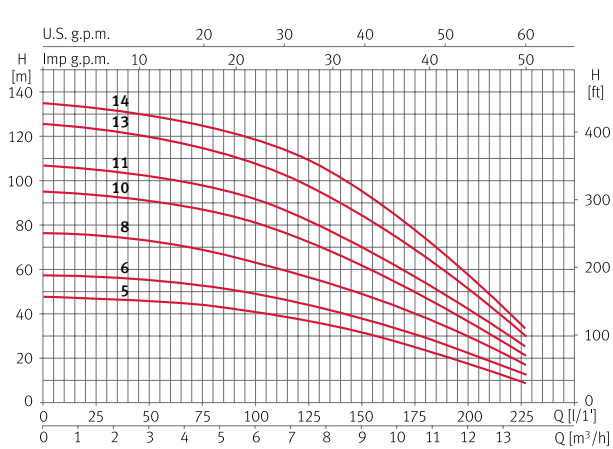
### Hydraulic performance table

| Model          | I [A]   |         |         | P1 [kW] | P2   |      | l/min<br>m³/h | 25  | 50  | 100 | 125 | 150 | 175  | 200 | 225  | 1~230 V<br>(Model M) | 3~400 V<br>(Model T) |
|----------------|---------|---------|---------|---------|------|------|---------------|-----|-----|-----|-----|-----|------|-----|------|----------------------|----------------------|
|                | 3~230 V | 3~400 V | 3~692 V | 3~400 V | [kW] | [HP] |               | 1.5 | 3.0 | 6.0 | 7.5 | 9.0 | 10.5 | 12  | 13.5 | Code                 | Code                 |
| Multi VE94.5   | 6       | 3.5     |         | 2       | 1.5  | 2    | mwc           | 47  | 46  | 41  | 37  | 32  | 25   | 18  | 9    | 97743                | 97740                |
| Multi VE94.6   | 6.7     | 3.9     |         | 2.3     | 1.5  | 2    |               | 56  | 55  | 49  | 44  | 38  | 31   | 22  | 13   | 97750                | 97746                |
| Multi VE94.8   | 8.9     | 5.2     |         | 3       | 2.2  | 3    |               | 75  | 73  | 63  | 56  | 49  | 40   | 30  | 18   |                      | 97759                |
| Multi VE94.10  | 11.7    | 6.8     |         | 3.9     | 3    | 4    |               | 93  | 91  | 81  | 72  | 62  | 50   | 36  | 22   |                      | 97710                |
| Multi VE94.11  | 12.4    | 7.2     |         | 4.4     | 3    | 4    |               | 105 | 102 | 91  | 82  | 70  | 56   | 42  | 26   |                      | 97717                |
| Multi VE94.11T |         | 8.6     | 5       | 5       | 4    | 5.5  |               | 123 | 120 | 107 | 97  | 85  | 68   | 51  | 32   |                      | 97717                |
| Multi VE94.12T |         | 9.7     | 5.4     | 5.5     | 5.5  | 7.5  |               | 132 | 129 | 118 | 109 | 95  | 77   | 57  | 35   |                      | 97723                |
| Multi VE94.13T |         | 8.6     | 5       | 5       | 4    | 5.5  |               | 123 | 120 | 107 | 97  | 85  | 68   | 51  | 32   |                      | 97726                |
| Multi VE94.14T |         | 9.7     | 5.4     | 5.5     | 5.5  | 7.5  |               | 132 | 129 | 118 | 109 | 95  | 77   | 57  | 35   |                      | 97729                |

| Model            | I [A]   |         |         | P1 [kW] | P2   |      | l/min<br>m³/h | 0   | 65  | 130 | 195  | 260  | 325  | 390  | 455  | 3~400 V<br>(Model T) |
|------------------|---------|---------|---------|---------|------|------|---------------|-----|-----|-----|------|------|------|------|------|----------------------|
|                  | 3~230 V | 3~400 V | 3~692 V | 3~400 V | [kW] | [HP] |               | 0.0 | 3.9 | 7.8 | 11.7 | 15.6 | 19.5 | 23.4 | 27.3 | Code                 |
| Multi VE121 2 N  | 10.4    | 6       |         | 3.4     | 3    | 4    | mwc           | 33  | 33  | 32  | 31   | 28   | 25   | 20   | 14   | 203425               |
| Multi VE121 3 N  |         | 8.3     | 4.8     | 4.8     | 4    | 5.5  |               | 50  | 49  | 48  | 46   | 42   | 37   | 31   | 21   | 203427               |
| Multi VE121 4 N  |         | 11      | 6.3     | 6.5     | 5.5  | 7.5  |               | 66  | 66  | 64  | 61   | 57   | 50   | 41   | 29   | 203429               |
| Multi VE121 5 N  |         | 13.6    | 7.8     | 8.2     | 5.5  | 7.5  |               | 83  | 82  | 80  | 77   | 71   | 62   | 51   | 36   | 203431               |
| Multi VE121 6 N  |         | 15.8    | 9.1     | 9.7     | 7.5  | 10   |               | 100 | 99  | 96  | 92   | 85   | 75   | 61   | 43   | 203433               |
| Multi VE121 7 N  |         | 18.5    | 10.7    | 11.3    | 9.2  | 12.5 |               | 116 | 115 | 112 | 107  | 99   | 87   | 71   | 50   | 203434               |
| Multi VE121 8 N  |         | 23.1    | 13.3    | 13.8    | 11   | 15   |               | 133 | 132 | 128 | 123  | 113  | 100  | 81   | 57   | 203435               |
| Multi VE121 9 N  |         | 23.5    | 13.5    | 14.3    | 15   | 20   |               | 150 | 148 | 145 | 138  | 127  | 112  | 92   | 64   | 203436               |
| Multi VE121 10 N |         | 24      | 13.9    | 15      | 15   | 20   |               | 166 | 165 | 161 | 153  | 141  | 125  | 102  | 71   | 203437               |

\* VE94 5 to VE94 11 optional 230 1ph motors

## Performance curves at 2900 rpm

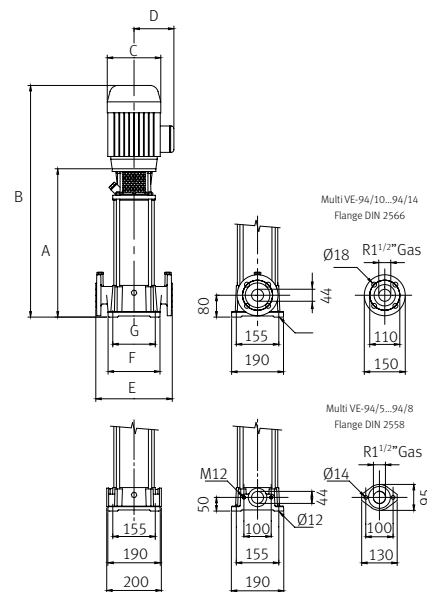


## Dimensions and weights

### Multi VE 94

| Model         | A   | B    | C   | D   | E   | F   | G   | KgB |
|---------------|-----|------|-----|-----|-----|-----|-----|-----|
| Multi VE94 5  | 450 | 700  | 176 | 127 | 280 | 190 | 155 | 34  |
| Multi VE94 6  | 486 | 738  | 176 | 127 | 280 | 190 | 155 | 35  |
| Multi VE94 8  | 563 | 838  | 176 | 127 | 280 | 190 | 155 | 38  |
| Multi VE94 10 | 666 | 974  | 194 | 138 | 280 | 190 | 155 | 51  |
| Multi VE94 11 | 703 | 1010 | 194 | 138 | 280 | 190 | 155 | 52  |
| Multi VE94 13 | 780 | 1086 | 194 | 138 | 280 | 190 | 155 | 57  |
| Multi VE94 14 | 816 | 1134 | 220 | 146 | 280 | 190 | 155 | 66  |

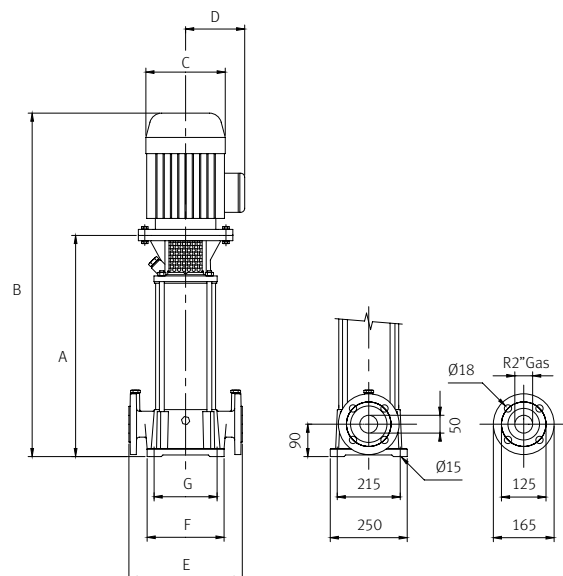
**KgB:** Hydraulic + motor.



### Multi VE121

| Model          | A   | B    | C   | D   | E   | F   | G   | KgB   | KgA  |
|----------------|-----|------|-----|-----|-----|-----|-----|-------|------|
| Multi VE121 2  | 470 | 776  | 195 | 140 | 300 | 210 | 130 | 58.4  | 37.8 |
| Multi VE121 3  | 522 | 847  | 195 | 140 | 300 | 210 | 130 | 64.9  | 39.2 |
| Multi VE121 4  | 574 | 943  | 220 | 182 | 300 | 210 | 130 | 81.7  | 42.6 |
| Multi VE121 5  | 626 | 995  | 220 | 182 | 300 | 210 | 130 | 83.4  | 44.3 |
| Multi VE121 6  | 678 | 1085 | 220 | 182 | 300 | 210 | 130 | 85.5  | 45.8 |
| Multi VE121 7  | 730 | 1137 | 220 | 182 | 300 | 210 | 130 | 94.2  | 47.3 |
| Multi VE121 8  | 782 | 1189 | 220 | 182 | 300 | 210 | 130 | 95.8  | 48.9 |
| Multi VE121 9  | 834 | 1241 | 220 | 182 | 300 | 210 | 130 | 102.7 | 50.4 |
| Multi VE121 10 | 886 | 1293 | 220 | 182 | 300 | 210 | 130 | 104.2 | 51.9 |

**KgA:** Hydraulic. **KgB:** Hydraulic + motor.



\*Service kits are available on request