

# DAB Pump 3 KVC

## SETS WITH 3 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

Water lifting sets specifically suitable for domestic applications and small systems for civil, agricultural or industrial uses.

The use of multistage vertical axis centrifugal pumps is a guarantee of high performance and efficiency levels. These pumps are characterised by their compact dimensions, rugged construction, extreme reliability and very low noise operation.

Control panel in impact-resistant self-extinguishing plastic with IP 55 protection rating. The control panel enclosure houses the main power switch, thermal magnetic cut-outs to protect the electric pumps, electric pump starting sequence changeover system, low voltage 24V control circuit, MAN-O-AUT selectors, (start

pushbuttons for single-phase version panel), indicator lights on front panel.

Installed on specifically designed column mounted on pumps skid.

3 preset pressure switches for pumps starting / stopping. The control panel of 2KVC and 3KVC pump sets is prearrange for connection of:

Pressure switch or float switch kit to protect against dry running (\*)

Overpressure cut-out pressure switch kit (\*)

(\*) Optional items available on request

The pump sets are supplied in a strong carton on a wooden pallet complete with installation/maintenance instructions and wiring diagram.

**LENNTECH**

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## TECHNICAL DATA

| MODEL                | CODE     | ELECTRICAL DATA |            |        |        | MAX PRESSURE OBTAINABLE BAR | PRESSURE SWITCH SETTING IN BAR |
|----------------------|----------|-----------------|------------|--------|--------|-----------------------------|--------------------------------|
|                      |          | VOLTAGE 50 Hz   | P2 NOMINAL |        | In A   |                             |                                |
|                      |          |                 | kw X3      | HP X 3 |        |                             |                                |
| 3KVC 30/50 M 230-50  | 60122153 | 1 X 230 V ~     | 0,55       | 0,75   | 3x 4   | 4                           | 1,5 – 3,5                      |
| 3KVC 30/50 T 400-50  | 60122164 | 3 X 400V ~      | 0,55       | 0,75   | 3x 1,4 | 4                           | 1,5 – 3,5                      |
| 3KVC 40/50 M 230-50  | 60122154 | 1 X 230 V ~     | 0,8        | 1,1    | 3x 5,6 | 5,2                         | 3 – 5                          |
| 3KVC 40/50 T 400-50  | 60122165 | 3 X 400V ~      | 0,8        | 1,1    | 3x 2,2 | 5,2                         | 3 – 5                          |
| 3KVC 55/50 M 230-50  | 60122155 | 1 X 230 V ~     | 1          | 1,36   | 3x 6,4 | 6,5                         | 4 – 6                          |
| 3KVC 55/50 T 400-50  | 60122167 | 3 X 400V ~      | 1          | 1,36   | 3x 2,6 | 6,5                         | 4 – 6                          |
| 3KVC 65/50 M 230-50  | 60122156 | 1 X 230 V ~     | 1,1        | 1,5    | 3x 7,4 | 8                           | 5,5 – 7,5                      |
| 3KVC 65/50 T 400-50  | 60122168 | 3 X 400V ~      | 1,1        | 1,5    | 3x 3,1 | 8                           | 5,5 – 7,5                      |
| 3KVC 75/50 M 230-50  | 60122157 | 1 X 230 V ~     | 1,5        | 2      | 3x 9   | 9                           | 6,5 – 8,5                      |
| 3KVC 75/50 T 400-50  | 60122169 | 3 X 400V ~      | 1,5        | 2      | 3x 3,6 | 9                           | 6,5 – 8,5                      |
| 3KVC 30/80 M 230-50  | 60122158 | 1 X 230 V ~     | 0,8        | 1,1    | 3x 5,6 | 4,5                         | 2 – 4                          |
| 3KVC 30/80 T 400-50  | 60122170 | 3 X 400V ~      | 0,8        | 1,1    | 3x 2,2 | 4,5                         | 2 – 4                          |
| 3KVC 40/80 M 230-50  | 60122159 | 1 X 230 V ~     | 1          | 1,36   | 3x 6,5 | 5,5                         | 3 – 5                          |
| 3KVC 40/80 T 400-50  | 60122171 | 3 X 400V ~      | 1          | 1,36   | 3x 2,6 | 5,5                         | 3 – 5                          |
| 3KVC 45/80 M 230-50  | 60122160 | 1 X 230 V ~     | 1,1        | 1,5    | 3x 7,4 | 6,8                         | 4 – 6                          |
| 3KVC 45/80 T 400-50  | 60122173 | 3 X 400V ~      | 1,1        | 1,5    | 3x 3,1 | 6,8                         | 4 – 6                          |
| 3KVC 55/80 M 230-50  | 60122161 | 1 X 230 V ~     | 1,5        | 2      | 3x 9   | 8                           | 5 – 7                          |
| 3KVC 55/80 T 400-50  | 60122174 | 3 X 400V ~      | 1,5        | 2      | 3x 3,6 | 8                           | 5 – 7                          |
| 3KVC 65/80 T 400-50  | 60122175 | 3 X 400V ~      | 2,2        | 3      | 3x 4   | 9,2                         | 6 – 8                          |
| 3KVC 35/120 M 230-50 | 60122162 | 1 X 230 V ~     | 1,1        | 1,5    | 3x 7,4 | 4,5                         | 2 – 4                          |
| 3KVC 35/120 T 400-50 | 60122176 | 3 X 400V ~      | 1,1        | 1,5    | 3x 3,5 | 4,5                         | 2 – 4                          |
| 3KVC 45/120 M 230-50 | 60122163 | 1 X 230 V ~     | 1,85       | 2,5    | 3x 12  | 6                           | 3,5 – 5,5                      |
| 3KVC 45/120 T 400-50 | 60122177 | 3 X 400V ~      | 1,85       | 2,5    | 3x 4,6 | 6                           | 3,5 – 5,5                      |
| 3KVC 60/120 T 400-50 | 60122178 | 3 X 400V ~      | 2,2        | 3      | 3x 5,4 | 7,5                         | 4,5 – 6,5                      |
| 3KVC 70/120 T 400-50 | 60122179 | 3 X 400V ~      | 3          | 4      | 3x 6,8 | 9                           | 6 – 8                          |
| 3KVC 85/120 T 400-50 | 60122180 | 3 X 400V ~      | 3          | 4      | 3x 7,8 | 10,5                        | 8 – 10                         |

The sets are supplied as standard with tanks and with air supply connector.

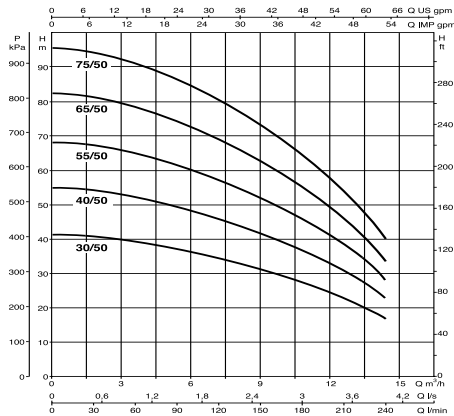
DAB PUMPS reserves the right to make modifications without notice

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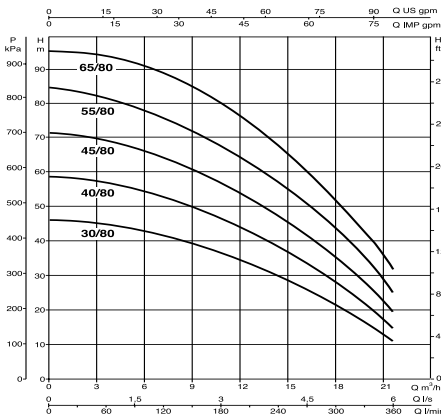
# 3 KVC

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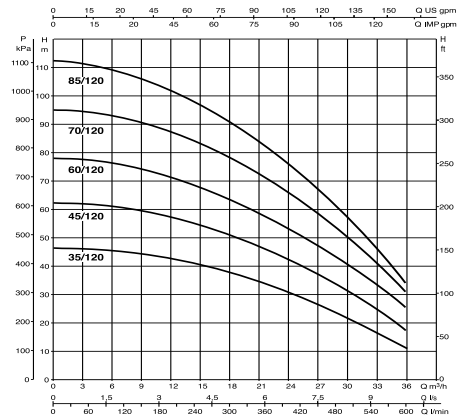
### 3 KVC 50



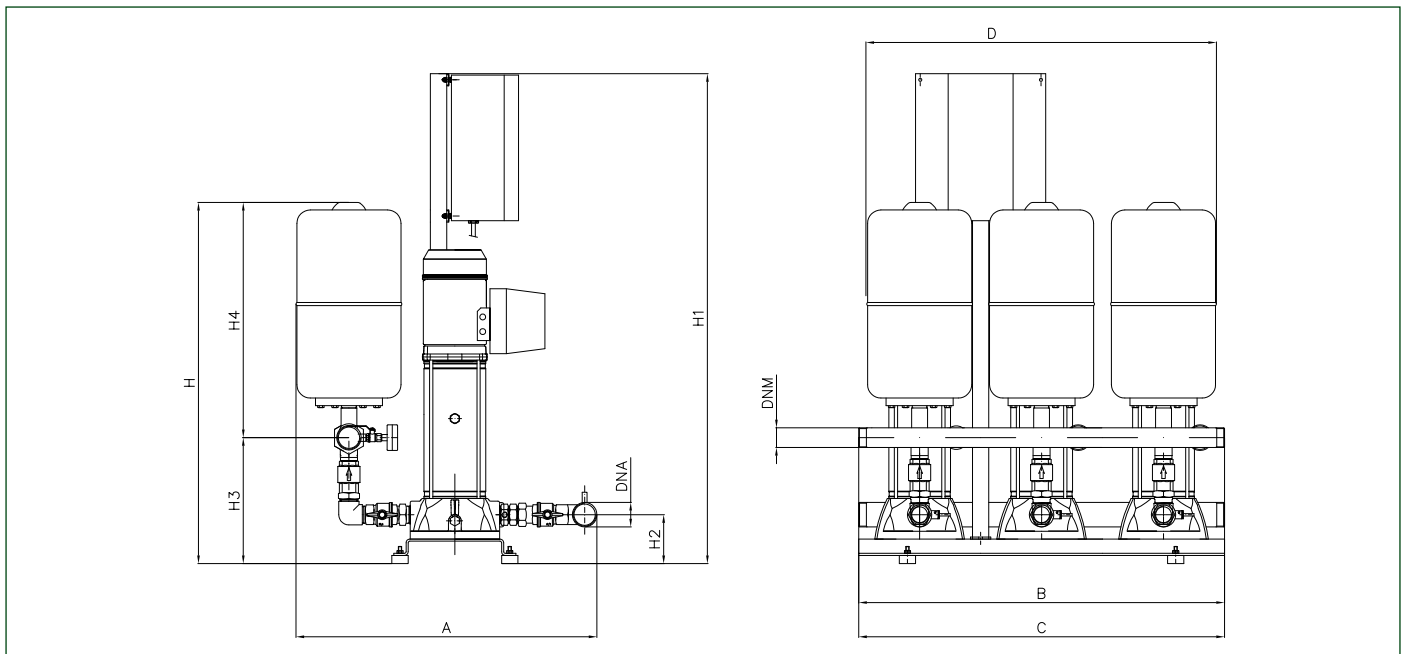
### 3 KVC 80



### 3 KVC 120



## DIMENSIONS AND WEIGHTS



| MODEL       | A   | B   | C   | D   | P | H   | H1   | H2  | H3  | H4  | Ø MANIFOLD    |                | WEIGHT Kg    |             |
|-------------|-----|-----|-----|-----|---|-----|------|-----|-----|-----|---------------|----------------|--------------|-------------|
|             |     |     |     |     |   |     |      |     |     |     | DNA (suction) | DNM (delivery) | Single-Phase | Three-Phase |
| 3KVC 30/50  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 109          | 109         |
| 3KVC 40/50  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 115          | 115         |
| 3KVC 55/50  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 119          | 119         |
| 3KVC 65/50  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 128          | 127         |
| 3KVC 75/50  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 132          | 130         |
| 3KVC 30/80  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 115          | 114         |
| 3KVC 40/80  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 119          | 119         |
| 3KVC 45/80  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 128          | 128         |
| 3KVC 55/80  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 131          | 128         |
| 3KVC 65/80  | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | -            | 133         |
| 3KVC 35/120 | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 128          | 128         |
| 3KVC 45/120 | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | 134          | 134         |
| 3KVC 60/120 | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | -            | 140         |
| 3KVC 70/120 | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | -            | 146         |
| 3KVC 85/120 | 650 | 900 | 810 | 850 | - | 950 | 1100 | 100 | 410 | 610 | 2" 1/2        | 2" 1/2         | -            | 148         |