

## APPLICAZIONI

Elettropompe universali per applicazioni civili ed industriali, per impianti di lavaggio ad alta pressione, per l'irrigazione, l'agricoltura, impianti sportivi, per fontane e per movimentazione di liquidi moderatamente aggressivi privi di sostanze solide o abrasive.

## LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)
- Temperatura max. liquido: 110°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Indice di efficienza minimo (BEP) MEI  $\geq 0,4$

## MOTORE

- Trifase 230/400V-50Hz  $P_2 \leq 7,5 \text{ kW}$
- Trifase 400/690V-50Hz  $P_2 > 7,5 \text{ kW}$
- Motore elettrico ad induzione a 2 poli ( $n = 2900 \text{ min}^{-1}$ )
- Isolamento Classe F
- Protezione IP 55

## MATERIALI

- |                       |                       |
|-----------------------|-----------------------|
| - Corpo aspirazione   | Acciaio Inox AISI 304 |
| - Corpo mandata       | Acciaio Inox AISI 304 |
| - Girante             | Acciaio Inox AISI 304 |
| - Camicia pompa       | Acciaio Inox AISI 304 |
| - Coperchio superiore | Acciaio Inox AISI 304 |
| - Coperchio inferiore | Acciaio Inox AISI 304 |
| - Albero motore       | Acciaio Inox AISI 304 |
| - Tenute meccaniche   | Silicio/Grafite/Viton |

## OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Max. liquid temperature: 110°C (for other uses)
- Ambient temperature max to 40°C
- Minimum efficiency index (BEP)  $MEI \geq 0,4$

**MOTOR**

- Three-phase 230/400V-50Hz  $P_2 \leq 7,5 \text{ kW}$
- Three-phase 400/690V-50Hz  $P_2 > 7,5 \text{ kW}$
- Two-pole electric standard motor ( $n = 2900 \text{ min}^{-1}$ )
- Insulation Class F
- Protection IP 55

## MATERIALS

- |                   |                          |
|-------------------|--------------------------|
| - Suction casing  | Stainless Steel AISI 304 |
| - Delivery casing | Stainless Steel AISI 304 |
| - Impeller        | Stainless Steel AISI 304 |
| - External jacket | Stainless Steel AISI 304 |
| - Upper cover     | Stainless Steel AISI 304 |
| - Lower cover     | Stainless Steel AISI 304 |
| - Pump shaft      | Stainless Steel AISI 304 |
| - Mechanical seal | Silicon/Graphite/Viton   |

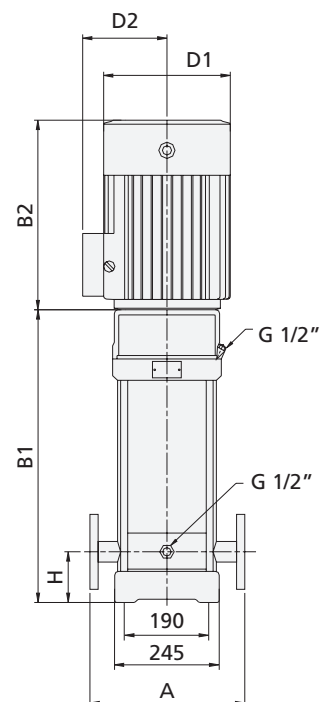
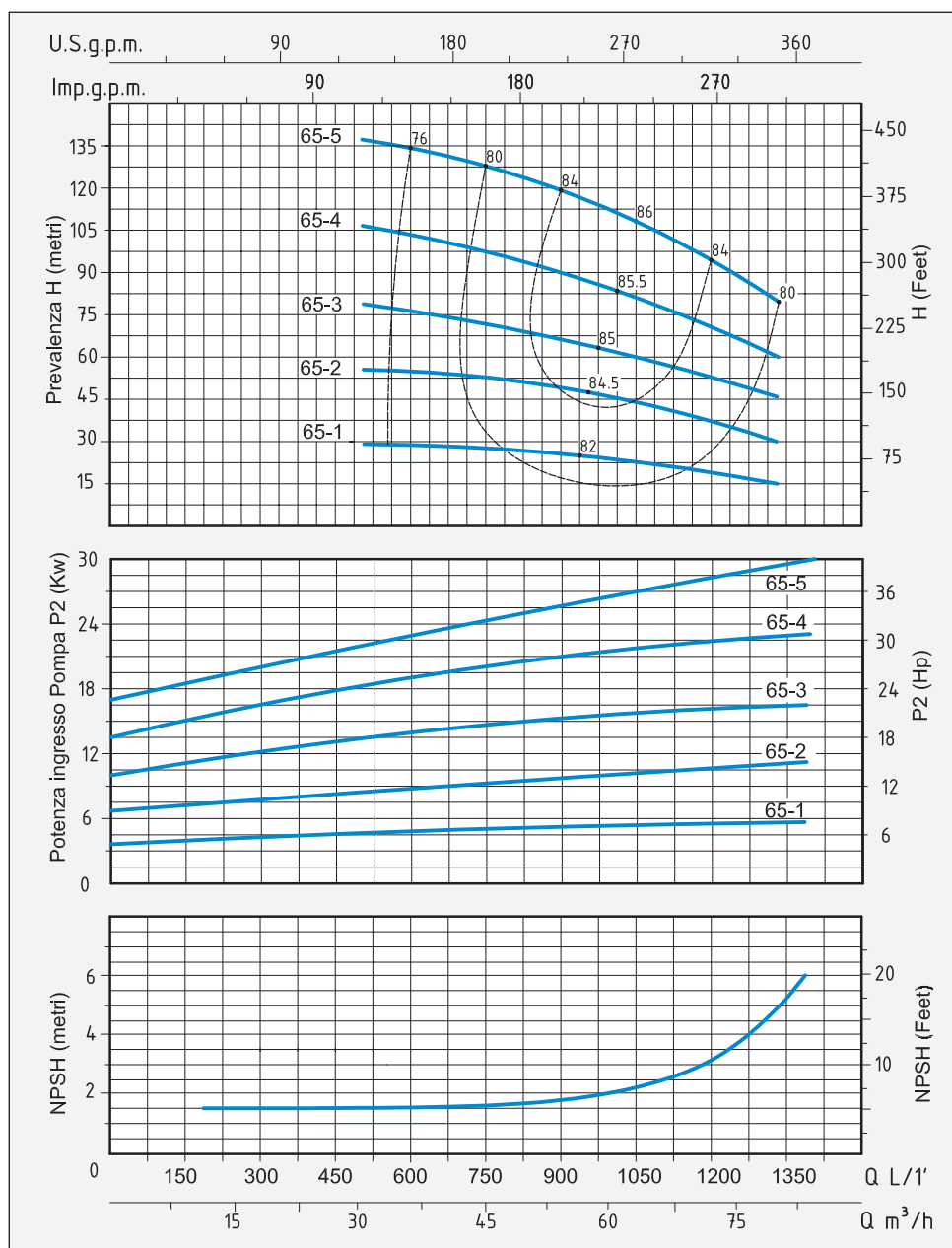
## APPLICATION

Universal pumps for domestic or municipal water supply systems, for clean non-explosive liquids without solid or abrasive substances, for agricultural irrigation and sports application, for civil and industrial use, boiler feeding and condensate systems and for high pressure washing plants.

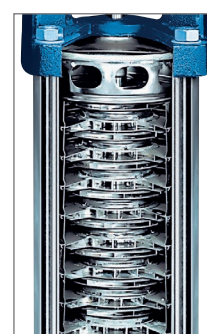
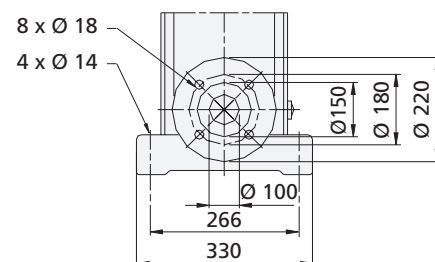


| TIPO<br>TYPE           | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                 | Q = PORTATA - CAPACITY                                              |     |      |      |      |     |     |      |      |      |      |
|------------------------|-----------------------------------------|------|----------------------------------------|------------------------|---------------------------------------------------------------------|-----|------|------|------|-----|-----|------|------|------|------|
| Trifase<br>Three-phase | P2                                      |      | P1                                     | Trifase<br>Three-phase | m³/h                                                                | 30  | 32   | 36   | 42   | 45  | 50  | 55   | 65   | 70   | 80   |
|                        | HP                                      | kW   | kW                                     |                        | lt/1'                                                               | 500 | 573  | 600  | 700  | 750 | 832 | 916  | 1083 | 1166 | 1333 |
|                        |                                         |      |                                        |                        | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |      |      |      |     |     |      |      |      |      |
| VS 65-1                | 7,5                                     | 5,5  | 6,5                                    | 10,7                   | H<br>(m)                                                            | 27  | 25,5 | 24,5 | 23,5 | 23  | 22  | 21,5 | 19,5 | 18,5 | 15   |
| VS 65-2                | 15                                      | 11   | 12,1                                   | 19,6                   |                                                                     | 53  | 51   | 50   | 48   | 47  | 46  | 45   | 41   | 39   | 30   |
| VS 65-3                | 25                                      | 18,5 | 20                                     | 32,5                   |                                                                     | 80  | 77   | 75   | 73   | 72  | 70  | 67   | 62   | 58   | 46   |
| VS 65-4                | 30                                      | 22   | 23,7                                   | 38,5                   |                                                                     | 107 | 103  | 101  | 98   | 96  | 93  | 90   | 83   | 79   | 61   |
| VS 65-5                | 40                                      | 30   | 32,1                                   | 52,1                   |                                                                     | 136 | 133  | 131  | 127  | 125 | 121 | 117  | 107  | 103  | 78   |

# VERTICAL MULTISTAGE STAINLESS STEEL PUMPS



DN 100 4"



| TIPO<br>TYPE           | DIMENSIONI mm - DIMENSIONS mm |     |      |     |         |     |     |                   | DIMENSIONI<br>DIMENSIONS<br>mm |      |     | PESO<br>WEIGHT |
|------------------------|-------------------------------|-----|------|-----|---------|-----|-----|-------------------|--------------------------------|------|-----|----------------|
| Trifase<br>Three-phase | A                             | H   | B1   | B2  | B1 + B2 | D1  | D2  | FLANGIA<br>FLANGE | P                              | L    | H   | Kg             |
| VS 65-1                | 365                           | 140 | 561  | 430 | 991     | 260 | 208 | DN 100 4"         | 417                            | 1215 | 445 | 128,7          |
| VS 65-2                | 365                           | 140 | 754  | 500 | 1254    | 330 | 255 | DN 100 4"         | 515                            | 1515 | 493 | 232,5          |
| VS 65-3                | 365                           | 140 | 836  | 550 | 1386    | 330 | 255 | DN 100 4"         | 515                            | 1515 | 493 | 248            |
| VS 65-4                | 365                           | 140 | 919  | 575 | 1494    | 360 | 285 | DN 100 4"         | 515                            | 1515 | 493 | 285            |
| VS 65-5                | 365                           | 140 | 1001 | 650 | 1651    | 400 | 310 | DN 100 4"         | 515                            | 1715 | 490 | 382,5          |