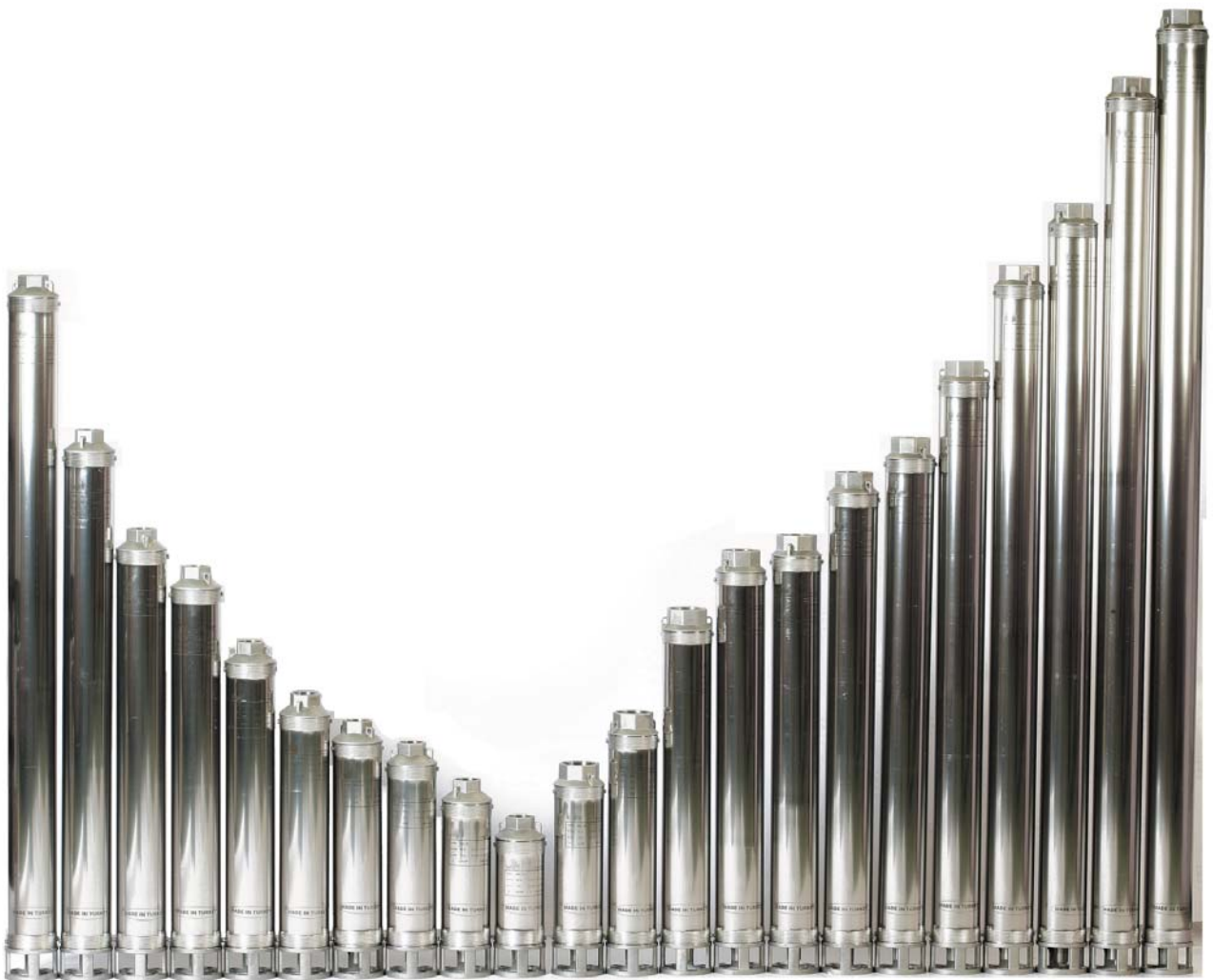
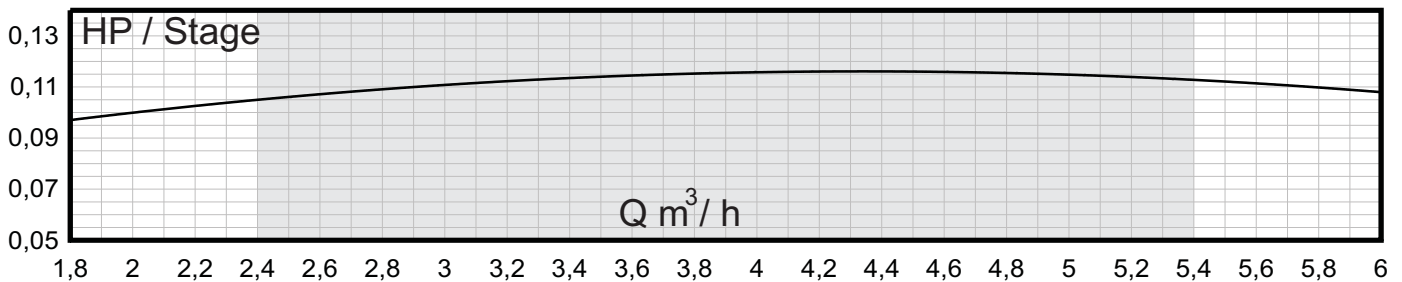
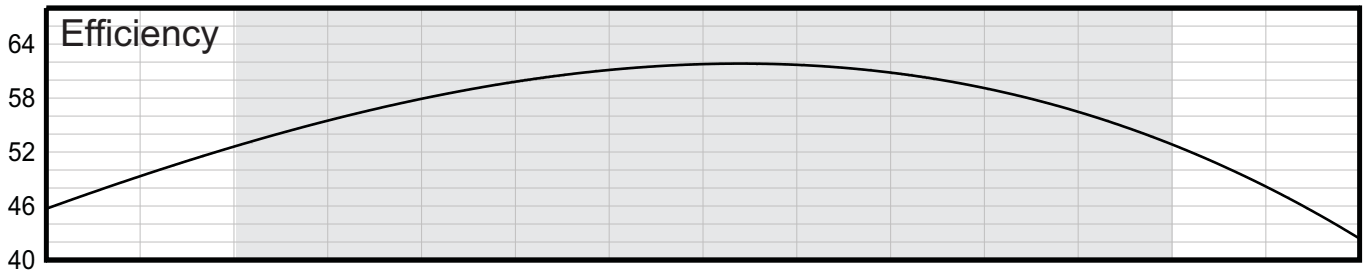


**VECTOR**  **ELECTRIC**  
**INTERNATIONAL**

**4"**  
**SUBMERSIBLE PUMPS**





| TYPE & STAGES  | POWER |      | l/sec             | 0,00 | 0,50 | 0,58 | 0,67 | 0,75 | 0,83 | 0,92 | 1,00 | 1,17 | 1,33 | 1,50 | 1,67 |
|----------------|-------|------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|
|                | HP    | kW   | m <sup>3</sup> /h | 0,0  | 1,8  | 2,1  | 2,4  | 2,7  | 3,0  | 3,3  | 3,6  | 4,2  | 4,8  | 5,4  | 6,0  |
| VE 4 P 11 / 04 | 0,5   | 0,37 | Head In Meters    | 26   | 23   | 23   | 22   | 22   | 21   | 20   | 19   | 18   | 15   | 12   | 8    |
| VE 4 P 11 / 07 | 0,75  | 0,55 |                   | 44   | 40   | 39   | 38   | 36   | 35   | 33   | 32   | 28   | 23   | 17   | 11   |
| VE 4 P 11 / 10 | 1     | 0,75 |                   | 65   | 59   | 58   | 56   | 54   | 52   | 50   | 47   | 42   | 35   | 27   | 18   |
| VE 4 P 11 / 14 | 1,5   | 1,1  |                   | 92   | 84   | 82   | 80   | 77   | 75   | 71   | 69   | 61   | 51   | 39   | 25   |
| VE 4 P 11 / 18 | 2     | 1,5  |                   | 119  | 109  | 107  | 104  | 100  | 97   | 93   | 90   | 79   | 66   | 51   | 33   |
| VE 4 P 11 / 27 | 3     | 2,2  |                   | 179  | 164  | 160  | 154  | 151  | 145  | 140  | 133  | 115  | 99   | 78   | 54   |
| VE 4 P 11 / 32 | 4     | 3    |                   | 211  | 197  | 192  | 186  | 181  | 173  | 167  | 159  | 141  | 118  | 93   | 66   |
| VE 4 P 11 / 40 | 5     | 3,7  |                   | 268  | 246  | 239  | 232  | 225  | 215  | 206  | 195  | 168  | 138  | 103  | 71   |
| VE 4 P 11 / 44 | 5,5   | 4    |                   | 292  | 272  | 265  | 256  | 247  | 238  | 226  | 214  | 184  | 150  | 120  | 85   |

# VE 4 P 11

## Submersible Pumps

### TECHNICAL SPECIFICATIONS

#### LIQUID BEING PUMPED

Chemically and mechanically non aggressive.  
 Temperature min=0°C max=40°C.  
 Maximum allowable solid quantity = 25 g/m<sup>3</sup>  
 Maximum allowable solid dimension: Max 2 mm

#### OPERATING RANGE AT 2900 RPM:

Power = 0,5 HP - 4 HP  
 Qmax= 6 m<sup>3</sup>/h

#### AT THE BEST EFFICIENCY POINT:

Q= 3,9 m<sup>3</sup>/h  
 H= 199 m

#### MAXIMUM EXTERNAL PUMP DIAMETER:

95 mm (Including cable guard)

#### OUTLET DIAMETER:

1 1/4"

#### MAXIMUM DEPTH OF APPLICATION:

Up to 400 m below the water level.

#### MAXIMUM WORKING PRESSURE:

40 atm

#### MINIMUM LIQUID LEVEL:

600 mm

#### MAXIMUM HEAD:

272 m

#### IMPELLER TYPE:

Semiaxial

### MATERIAL LIST

| PART NAME       | MATERIAL                   |
|-----------------|----------------------------|
| Shaft           | Stainless steel (AISI 304) |
| Retainer        | Stainless steel (AISI 304) |
| Coupling        | Stainless steel (AISI 420) |
| Support         | Stainless steel (AISI 304) |
| Body            | Stainless steel (AISI 304) |
| Impeller        | Polycarbonate              |
| Diffuser        | Noryl                      |
| Bearing         | Resine                     |
| Bearing housing | Resine                     |
| Bearing         | Resine                     |
| Bushing         | Polycarbonate              |
| Bushing         | Stainless steel (AISI 420) |
| Screw           | Stainless steel (AISI 304) |
| Washer          | Stainless steel (AISI 304) |
| Valve housing   | Resine                     |
| Oring           | Rubber                     |
| Valve           | Resine                     |
| Valve body      | Stainless steel (AISI 304) |
| Housing         | Stainless steel (AISI 304) |
| Strainer        | Stainless steel (AISI 304) |
| Cable guard     | Resine                     |

### OPTIONS

Suction End and Valve Body  
 Cast Iron or Technoplast  
 Motor-pump : Cooling shroud, Suction shroud

### INFORMATIONS

Rotation: Counterclockwise  
 Shaft End: NEMA Standard  
 Shaft Diameter: Hexagonal 11 mm

**VECTOR**  **ELECTRIC**  
 INTERNATIONAL



| TYPE & STAGES  | POWER |      | PUMP & MOTOR DIMENSIONS ( mm ) |      |     |     |      |       |        |         | PUMP & MOTOR WEIGHT ( kg ) |      |      |       |       |  |
|----------------|-------|------|--------------------------------|------|-----|-----|------|-------|--------|---------|----------------------------|------|------|-------|-------|--|
|                |       |      | 1~                             | 3~   | 1~  | 3~  |      |       |        |         | 1~                         | 3~   |      | 1~    | 3~    |  |
|                | HP    | KW   | L                              | L    | E   | E   | B    | Ø = C | Ø = D  | Ø GROUP | MOTOR                      |      | PUMP | TOTAL | TOTAL |  |
| VE 4 P 11 / 04 | 0,5   | 0,37 | 611                            | -    | 336 | -   | 275  | 93    | 1 1/4" | 95      | 7,5                        | -    | 2,6  | 10,1  | -     |  |
| VE 4 P 11 / 07 | 0,75  | 0,55 | 711                            | -    | 366 | -   | 345  | 93    | 1 1/4" | 95      | 8,8                        | -    | 3,2  | 12,0  | -     |  |
| VE 4 P 11 / 10 | 1     | 0,75 | 796                            | 776  | 386 | 366 | 410  | 93    | 1 1/4" | 95      | 9,7                        | 8,8  | 3,8  | 13,5  | 12,6  |  |
| VE 4 P 11 / 14 | 1,5   | 1,1  | 926                            | 881  | 431 | 386 | 495  | 93    | 1 1/4" | 95      | 11,6                       | 9,7  | 4,6  | 16,2  | 14,3  |  |
| VE 4 P 11 / 18 | 2     | 1,5  | 1061                           | 1016 | 476 | 431 | 585  | 93    | 1 1/4" | 95      | 13,5                       | 11,6 | 5,4  | 18,9  | 17,0  |  |
| VE 4 P 11 / 27 | 3     | 2,2  | 1289                           | 1269 | 509 | 489 | 780  | 93    | 1 1/4" | 95      | 14,7                       | 13,9 | 6,5  | 21,2  | 20,4  |  |
| VE 4 P 11 / 32 | 4     | 3    | -                              | 1498 | -   | 548 | 950  | 93    | 1 1/4" | 95      | -                          | 17,6 | 8,4  | -     | 26,0  |  |
| VE 4 P 11 / 40 | 5     | 3,7  | -                              | 1743 | -   | 618 | 1125 | 93    | 1 1/4" | 95      | -                          | 20,9 | 9,5  | -     | 30,4  |  |
| VE 4 P 11 / 44 | 5,5   | 4    | -                              | 1833 | -   | 618 | 1215 | 93    | 1 1/4" | 95      | -                          | 20,9 | 10,7 | -     | 31,6  |  |