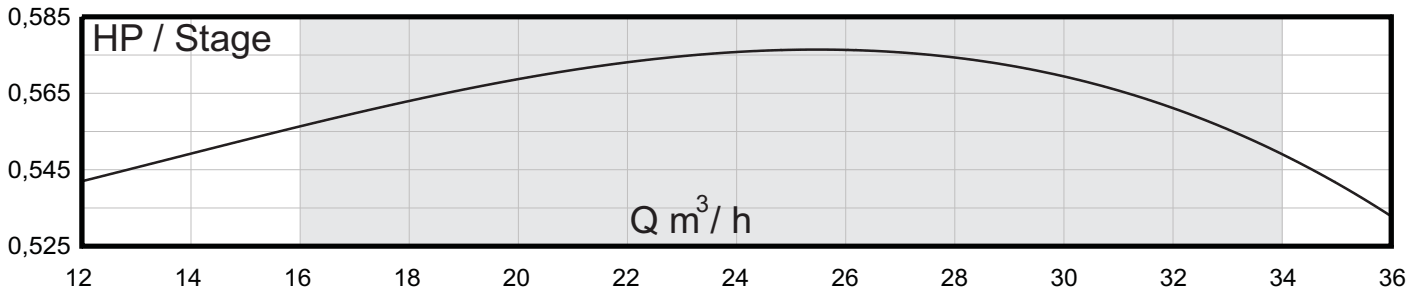
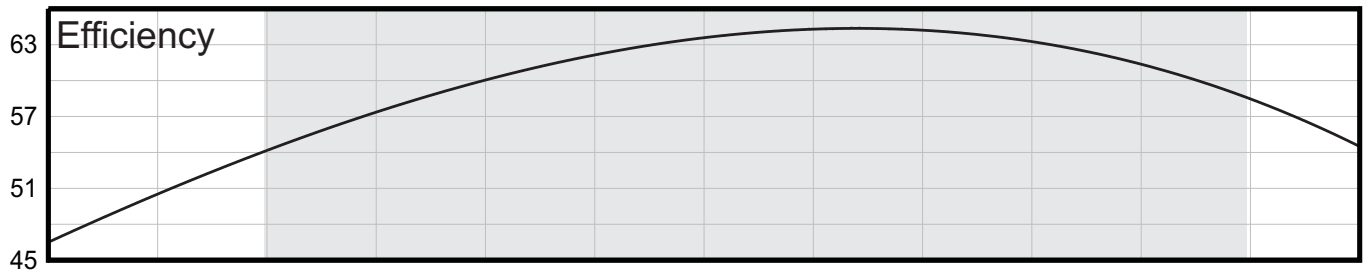
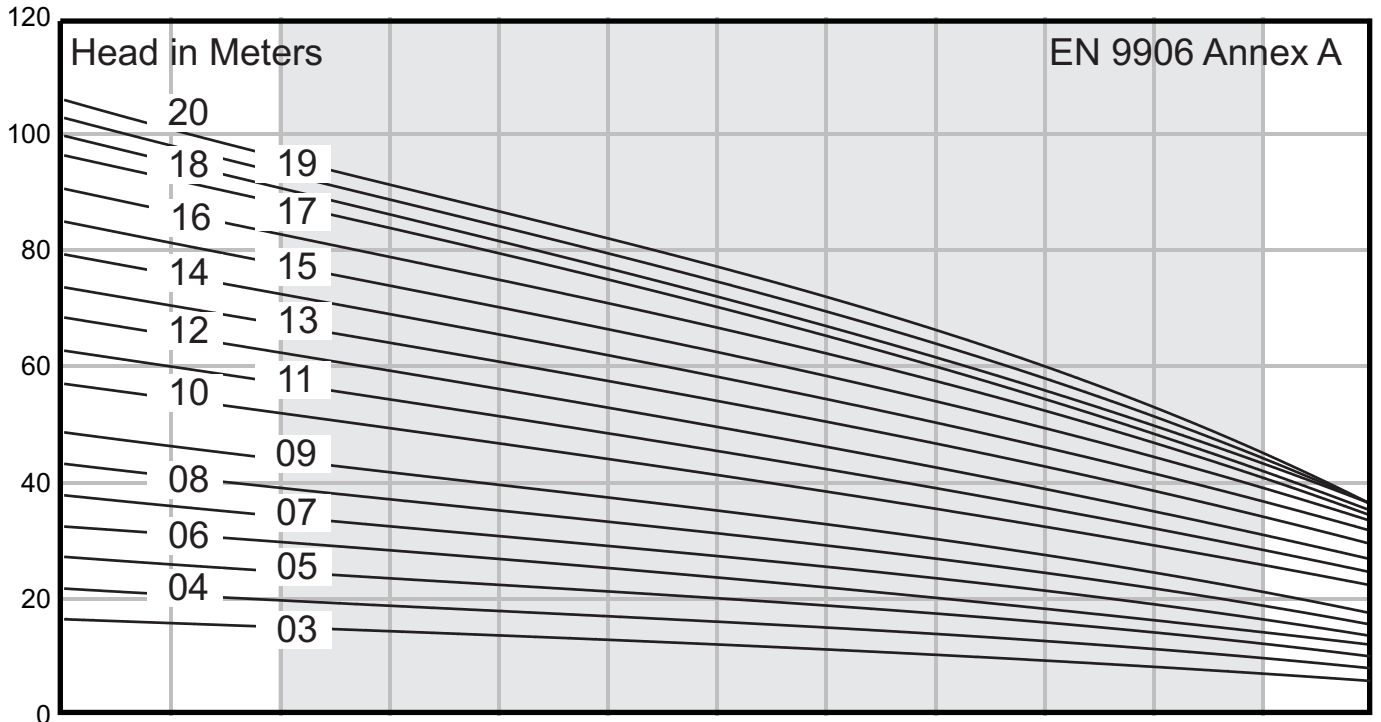


CAST IRON SUBMERSIBLE PUMPS





| TYPE & STAGES | POWER | | | l/sec | 0,00 | 3,33 | 3,89 | 4,44 | 5,00 | 5,56 | 6,11 | 6,67 | 7,22 | 7,78 | 8,33 | 8,89 | 9,44 | 10,00 |
|----------------|-------|-------|-----|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 4" HP | 5" HP | kW | | m ³ /h | 0,0 | 12,0 | 14,0 | 16,0 | 18,0 | 20,0 | 22,0 | 24,0 | 26,0 | 28,0 | 30,0 | 32,0 | 34,0 |
| VE 5 C 69 / 03 | 2 | - | 1,5 | Head In Meters | 21 | 16 | 16 | 15 | 14 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 |
| VE 5 C 69 / 04 | 3 | - | 2,2 | | 30 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 11 | 10 | 8 |
| VE 5 C 69 / 05 | 3 | - | 2,2 | | 37 | 28 | 26 | 24 | 23 | 22 | 21 | 20 | 19 | 17 | 16 | 14 | 12 | 10 |
| VE 5 C 69 / 06 | 4 | - | 3 | | 42 | 33 | 32 | 30 | 29 | 26 | 25 | 24 | 22 | 20 | 18 | 16 | 14 | 12 |
| VE 5 C 69 / 07 | 5,5 | - | 4 | | 48 | 38 | 36 | 34 | 32 | 31 | 29 | 27 | 25 | 23 | 22 | 19 | 17 | 13 |
| VE 5 C 69 / 08 | 5,5 | - | 4 | | 55 | 43 | 42 | 39 | 37 | 35 | 33 | 31 | 29 | 27 | 25 | 22 | 19 | 15 |
| VE 5 C 69 / 09 | 5,5 | - | 4 | | 62 | 49 | 47 | 44 | 42 | 40 | 37 | 35 | 33 | 30 | 29 | 24 | 21 | 17 |
| VE 5 C 69 / 10 | 7,5 | 7,5 | 5,5 | | 72 | 57 | 55 | 52 | 49 | 47 | 44 | 41 | 39 | 36 | 32 | 30 | 26 | 22 |
| VE 5 C 69 / 11 | 7,5 | 7,5 | 5,5 | | 79 | 63 | 60 | 57 | 54 | 52 | 48 | 45 | 43 | 39 | 35 | 33 | 29 | 24 |
| VE 5 C 69 / 12 | 7,5 | 7,5 | 5,5 | | 86 | 69 | 66 | 62 | 59 | 57 | 52 | 49 | 47 | 43 | 38 | 36 | 31 | 27 |
| VE 5 C 69 / 13 | 10 | 10 | 7,5 | | 94 | 74 | 71 | 67 | 63 | 61 | 58 | 54 | 51 | 46 | 42 | 40 | 34 | 29 |
| VE 5 C 69 / 14 | 10 | 10 | 7,5 | | 101 | 80 | 76 | 72 | 68 | 65 | 62 | 59 | 55 | 50 | 45 | 43 | 37 | 32 |
| VE 5 C 69 / 15 | 10 | 10 | 7,5 | | 108 | 85 | 82 | 78 | 73 | 70 | 67 | 63 | 59 | 54 | 48 | 46 | 39 | 33 |
| VE 5 C 69 / 16 | 10 | 10 | 7,5 | | 115 | 91 | 87 | 83 | 78 | 75 | 71 | 67 | 63 | 57 | 51 | 48 | 41 | 34 |
| VE 5 C 69 / 17 | 10 | 10 | 7,5 | | 123 | 97 | 93 | 88 | 83 | 79 | 76 | 71 | 65 | 59 | 54 | 49 | 42 | 35 |
| VE 5 C 69 / 18 | - | 12,5 | 9,2 | | 125 | 100 | 96 | 91 | 86 | 82 | 76 | 73 | 67 | 61 | 56 | 51 | 44 | 36 |
| VE 5 C 69 / 19 | - | 12,5 | 9,2 | | 130 | 103 | 99 | 93 | 88 | 84 | 79 | 75 | 70 | 63 | 58 | 51 | 44 | 36 |
| VE 5 C 69 / 20 | - | 12,5 | 9,2 | | 135 | 106 | 102 | 96 | 91 | 86 | 81 | 78 | 73 | 66 | 61 | 52 | 45 | 37 |

VE 5 C 69

Submersible Pumps

TECHNICAL SPECIFICATIONS

LIQUID BEING PUMPED

Chemically and mechanically non aggressive.
 Temperature min=0°C max=40°C.
 Maximum allowable solid quantity = 50 g/m³
 Maximum allowable solid dimension: Max 2 mm

OPERATING RANGE AT 2900 RPM:

Power = 2 HP - 12,5 HP
 Qmax= 36 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 16 m³/h
 H= 153 m

MAXIMUM EXTERNAL PUMP DIAMETER:

123 mm (Including cable guard)

OUTLET DIAMETER:

3"

MAXIMUM DEPTH OF APPLICATION:

Up to 250 m below the water level

MAXIMUM WORKING PRESSURE:

25 atm

MINIMUM LIQUID LEVEL:

700 mm

MAXIMUM HEAD:

106 m

IMPELLER TYPE:

Semiaxial

MATERIAL LIST

| PART NAME | MATERIAL |
|------------------|----------------------------|
| Shaft | Stainless steel (AISI 420) |
| Support | Cast Iron (GG25) |
| Coupling | Stainless steel (AISI 420) |
| Coupling screw | Stainless steel (AISI 304) |
| Bearing | Rubber/Steel |
| Sand guard | Stainless steel (AISI 420) |
| Sand guard screw | Stainless steel (AISI 304) |
| Diffuser | Cast Iron (GG25) |
| Wear ring | Rubber/Steel |
| Impeller | Cast Iron (GG25) |
| Bushing | Stainless steel (AISI 420) |
| Screw | Stainless steel (AISI 304) |
| Gland | Guarnital |
| Valve wear | Rubber |
| Valve body | Cast Iron (GG25) |
| Valve | Bronze (Gz-Rg5) |
| Valve spring | Stainless steel (AISI 304) |
| Strainer | Stainless steel (AISI 304) |
| Cable guard | Resine |

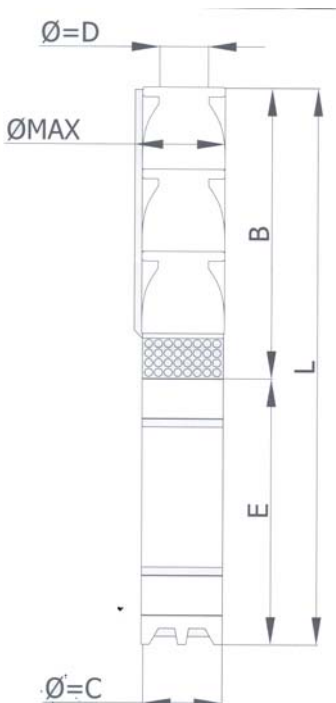
OPTIONS

Casting materials : Cast iron, bronze, special bronze
 Outlet : 3" 11 TPI or flange connection
 Wear ring, bearing : Bronze
 Motor-pump : Cooling shroud
 Stopping screw

INFORMATIONS

Rotation: Counterclockwise
 Shaft End: NEMA Standard
 Shaft Diameter: 20 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



| TYPE & STAGES | POWER | | | PUMP & MOTOR DIMENSIONS (mm) | | | | | | | | PUMP & MOTOR WEIGHT (kg) | | | | |
|----------------|-------|-------|-----|--------------------------------|------|-----|-----|------|-------|-------|---------|----------------------------|------|------|-------|-------|
| | 4" HP | 5" HP | kW | 4" | | 5" | | B | Ø = C | Ø = D | Ø GROUP | MOTOR | | PUMP | TOTAL | TOTAL |
| | | | | L | L | E | E | | | | | 4" | 5" | | | |
| VE 5 C 69 / 03 | 2 | - | 1,5 | 1071 | - | 431 | - | 640 | 93 | 3" | 120 | 11,6 | - | 15,5 | 27,1 | - |
| VE 5 C 69 / 04 | 3 | - | 2,2 | 1239 | - | 489 | - | 750 | 93 | 3" | 120 | 13,9 | - | 18,8 | 32,7 | - |
| VE 5 C 69 / 05 | 3 | - | 2,2 | 1349 | - | 489 | - | 860 | 93 | 3" | 120 | 13,9 | - | 22,2 | 36 | - |
| VE 5 C 69 / 06 | 4 | - | 3 | 1518 | - | 548 | - | 970 | 93 | 3" | 120 | 17,6 | - | 25,5 | 43,1 | - |
| VE 5 C 69 / 07 | 5,5 | - | 4 | 1698 | - | 618 | - | 1080 | 93 | 3" | 120 | 20,9 | - | 28,9 | 49,8 | - |
| VE 5 C 69 / 08 | 5,5 | - | 4 | 1808 | - | 618 | - | 1190 | 93 | 3" | 120 | 20,9 | - | 32,2 | 53,1 | - |
| VE 5 C 69 / 09 | 5,5 | - | 4 | 1918 | - | 618 | - | 1300 | 93 | 3" | 120 | 20,9 | - | 35,6 | 56,5 | - |
| VE 5 C 69 / 10 | 7,5 | 7,5 | 5,5 | 2098 | 2105 | 688 | 695 | 1410 | 93 | 3" | 120 | 24 | 37,5 | 38,9 | 62,9 | 76,4 |
| VE 5 C 69 / 11 | 7,5 | 7,5 | 5,5 | 2208 | 2215 | 688 | 695 | 1520 | 93 | 3" | 120 | 24 | 37,5 | 42,3 | 66,3 | 79,8 |
| VE 5 C 69 / 12 | 7,5 | 7,5 | 5,5 | 2318 | 2325 | 688 | 695 | 1630 | 93 | 3" | 120 | 24 | 37,5 | 45,6 | 69,6 | 83,1 |
| VE 5 C 69 / 13 | 10 | 10 | 7,5 | 2508 | 2480 | 768 | 740 | 1740 | 93 | 3" | 120 | 28 | 41 | 49 | 77 | 90 |
| VE 5 C 69 / 14 | 10 | 10 | 7,5 | 2618 | 2590 | 768 | 740 | 1850 | 93 | 3" | 120 | 28 | 41 | 52,3 | 80,3 | 93,3 |
| VE 5 C 69 / 15 | 10 | 10 | 7,5 | 2728 | 2700 | 768 | 740 | 1960 | 93 | 3" | 120 | 28 | 41 | 55,7 | 83,7 | 96,7 |
| VE 5 C 69 / 16 | 10 | 10 | 7,5 | 2838 | 2810 | 768 | 740 | 2070 | 93 | 3" | 120 | 28 | 41 | 59 | 87 | 100 |
| VE 5 C 69 / 17 | 10 | 10 | 7,5 | 2948 | 2920 | 768 | 740 | 2180 | 93 | 3" | 120 | 28 | 41 | 62,4 | 90,4 | 103 |
| VE 5 C 69 / 18 | - | 12,5 | 9,2 | - | 3075 | - | 785 | 2290 | 123 | 3" | 123 | - | 45 | 65,7 | - | 111 |
| VE 5 C 69 / 19 | - | 12,5 | 9,2 | - | 3185 | - | 785 | 2400 | 123 | 3" | 123 | - | 45 | 69,1 | - | 114 |
| VE 5 C 69 / 20 | - | 12,5 | 9,2 | - | 3295 | - | 785 | 2510 | 123 | 3" | 123 | - | 45 | 72,4 | - | 117 |