

# Vertical Multistage Centrifugal Pump — SVH | SVHT 64 —

## Applications

Water supply

- Water filter
- Supercharging
- Pressurization of hotels
- Industrial pressurization

Industrial boosting

- Cleaning system
- High pressure flushing system
- Firefighting system
- Car cleaning equipment

Industrial liquid transport

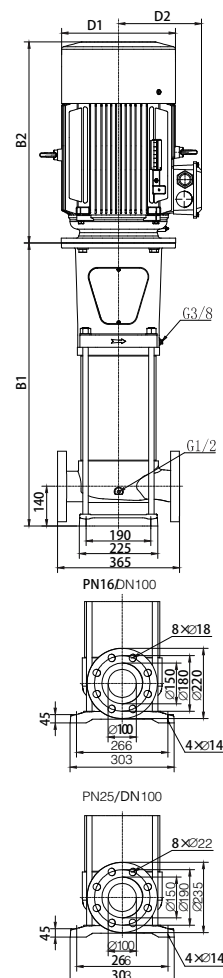
- Cooling air conditioning system
- Boiler feed water
- Condensing system and cooling tower
- Machine tool cooling lubrication system

Water treatment

- Ultrafiltration system
- Reverse osmosis system
- Distillation system
- Separator
- Swimming pool

Irrigation

- Regional irrigation
- Sprinkler irrigation
- Drip irrigation
- Greenhouse irrigation



## Dimensions and Weight

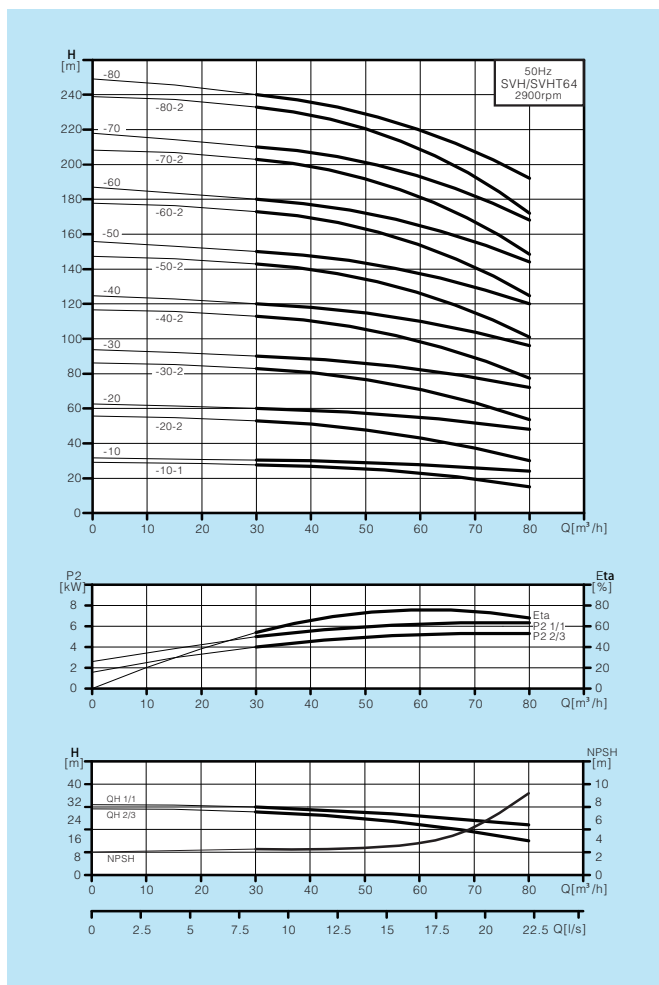
| Model      | Dimension ( mm ) |     |       |     |     | Weight (kg) |
|------------|------------------|-----|-------|-----|-----|-------------|
|            | B1               | B2  | B1+B2 | D1  | D2  |             |
| SVH64-10-1 | 519              | 465 | 984   | 260 | 210 | 110         |
| SVH64-10   | 519              | 465 | 984   | 260 | 210 | 120         |
| SVH64-20-2 | 702              | 610 | 1312  | 350 | 260 | 177         |
| SVH64-20   | 702              | 610 | 1312  | 350 | 260 | 184         |
| SVH64-30-2 | 785              | 640 | 1425  | 350 | 260 | 209         |
| SVH64-30   | 785              | 670 | 1455  | 360 | 285 | 243         |
| SVH64-40-2 | 868              | 715 | 1583  | 400 | 310 | 318         |
| SVH64-40   | 868              | 715 | 1583  | 400 | 310 | 318         |
| SVH64-50-2 | 951              | 715 | 1666  | 400 | 310 | 335         |
| SVH64-50   | 951              | 715 | 1666  | 400 | 310 | 335         |
| SVH64-60-2 | 1034             | 740 | 1774  | 460 | 340 | 409         |
| SVH64-60   | 1034             | 740 | 1774  | 460 | 340 | 409         |
| SVH64-70-2 | 1147             | 820 | 1967  | 550 | 370 | 516         |
| SVH64-70   | 1147             | 820 | 1967  | 550 | 370 | 516         |
| SVH64-80-2 | 1230             | 820 | 2050  | 550 | 370 | 519         |
| SVH64-80   | 1230             | 820 | 2050  | 550 | 370 | 519         |



G PUMP

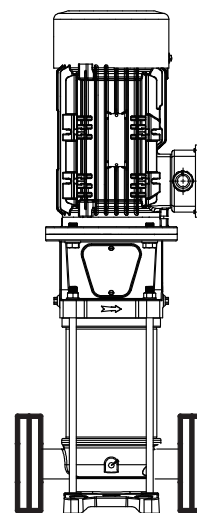
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## Performance cruve

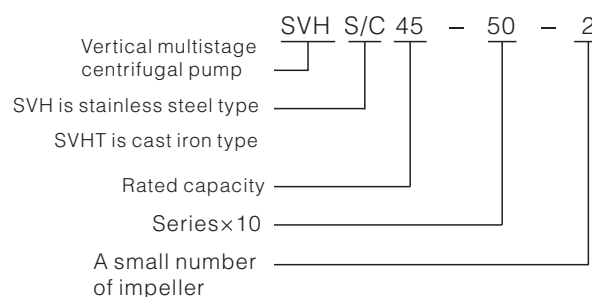


## Model Specification

SVH,SVHT32/45/64/90



## SVH / SVHT

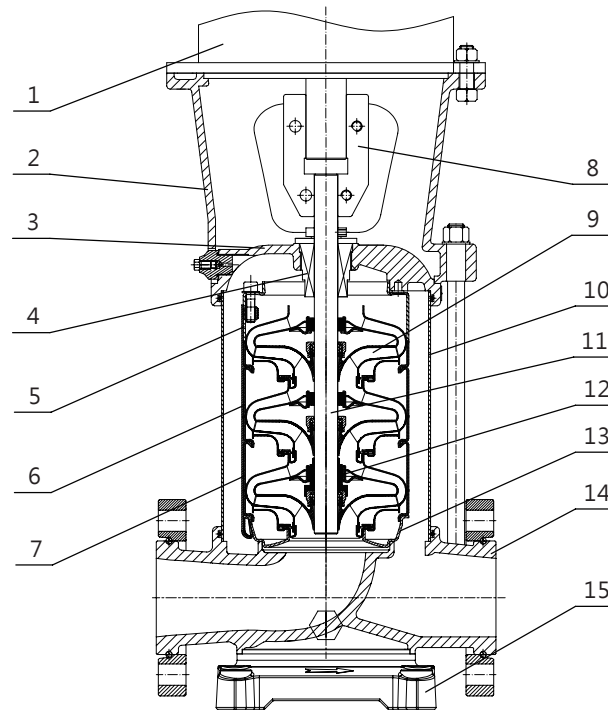


## Performance data

| Model      | Power(kW) | Q (m³/h) | 30  | 40   | 50  | 60  | 64  | 70  | 80  |
|------------|-----------|----------|-----|------|-----|-----|-----|-----|-----|
| SVH64-10-1 | 5.5       | H (m)    | 27  | 25   | 23  | 21  | 20  | 18  | 15  |
| SVH64-10   | 7.5       |          | 30  | 29.5 | 29  | 28  | 27  | 26  | 24  |
| SVH64-20-2 | 11        |          | 53  | 51   | 47  | 43  | 41  | 37  | 30  |
| SVH64-20   | 15        |          | 60  | 59   | 58  | 55  | 54  | 52  | 48  |
| SVH64-30-2 | 18.5      |          | 83  | 81   | 76  | 71  | 68  | 63  | 54  |
| SVH64-30   | 22        |          | 90  | 89   | 86  | 83  | 81  | 78  | 72  |
| SVH64-40-2 | 30        |          | 113 | 110  | 105 | 98  | 95  | 89  | 78  |
| SVH64-40   | 30        |          | 120 | 119  | 115 | 110 | 108 | 104 | 96  |
| SVH64-50-2 | 37        |          | 143 | 140  | 133 | 126 | 122 | 115 | 102 |
| SVH64-50   | 37        |          | 150 | 148  | 144 | 138 | 135 | 130 | 120 |
| SVH64-60-2 | 45        |          | 173 | 170  | 162 | 153 | 149 | 141 | 126 |
| SVH64-60   | 45        |          | 180 | 178  | 173 | 165 | 162 | 156 | 144 |
| SVH64-70-2 | 55        |          | 203 | 199  | 191 | 181 | 176 | 167 | 150 |
| SVH64-70   | 55        |          | 210 | 207  | 201 | 193 | 189 | 182 | 168 |
| SVH64-80-2 | 55        |          | 233 | 229  | 220 | 208 | 203 | 193 | 174 |
| SVH64-80   | 55        |          | 240 | 237  | 230 | 220 | 216 | 208 | 192 |

# Vertical Multistage Centrifugal Pump — SVH | SVHT 64 —

## Structure SVH / SVHT 32,45,64,90



## Materials SVH / SVHT 32,45,64,90

| No. | Spare parts            | Materials                          |     | GB                                   |     | EN DIN                                |     | AISI/ASTM                   |     |
|-----|------------------------|------------------------------------|-----|--------------------------------------|-----|---------------------------------------|-----|-----------------------------|-----|
|     |                        | SVHT                               | SVH | SVHT                                 | SVH | SVHT                                  | SVH | SVHT                        | SVH |
| 1   | Motor                  | /                                  |     | /                                    |     | /                                     |     | /                           |     |
| 2   | Bracket                | Ductile cast iron                  |     | GB 1348-QT500-7                      |     | EN 1563 EN-GJS-500-7                  |     | ASTM A536 65-45-12          |     |
| 3   | Seal base              | Ductile cast iron /Stainless steel |     | GB1348-QT500-7 /GB/T20878-06Cr19Ni10 |     | EN 1563 EN-GJS-500-7 /EN 10088-1.4301 |     | ASTM A536 65-45-12 /AISI304 |     |
| 4   | Mechanical seal        | /                                  |     | /                                    |     | /                                     |     | /                           |     |
| 5   | Top diffuser           | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 6   | Diffuser               | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 7   | Support diffuser       | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 8   | Coupling               | Ductile cast iron                  |     | GB 1348-QT500-7                      |     | EN 1563 EN-GJS-500-7                  |     | ASTM A536 65-45-12          |     |
| 9   | Impeller               | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 10  | Cylinder               | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 11  | Shaft                  | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 12  | Bearing                | WC/SiC                             |     | /                                    |     | /                                     |     | /                           |     |
| 13  | Inducer                | Stainless steel                    |     | GB/T20878-06Cr19Ni10                 |     | EN 10088-1.4301                       |     | AISI304                     |     |
| 14  | Inlet & outlet chamber | Ductile cast iron /Stainless steel |     | GB1348-QT500-7 /GB/T20878-06Cr19Ni10 |     | EN 1563 EN-GJS-500-7 /EN 10088-1.4301 |     | ASTM A536 65-45-12 /AISI304 |     |
| 15  | Base                   | Ductile cast iron                  |     | GB 1348-QT500-7                      |     | EN 1563 EN-GJS-500-7                  |     | ASTM A536 65-45-12          |     |