



WQ(D) 0.75 - 7.5 kW

WQ 11 - 45 kW

## Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

## Pump

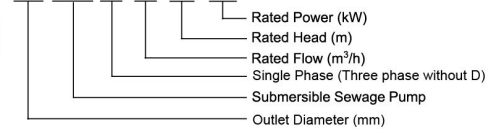
- Max. immersion depth: 5 m
- Max. liquid temperature: +40°C
- Liquid pH value: 5 – 9
- Max. liquid density: 1.2x10<sup>3</sup>kg/m<sup>3</sup>

## Motor

- Copper winding
- Insulation class: B
- Protection class: IP68

## Identification Codes

### 65 WQ D 15-10-1.1



## Technical Data

| Model           | Voltage<br>V | Motor Power<br>kW | HP  | Outlet<br>in | Guide Rial<br>Fitting | Max flow<br>m³/h | Max head<br>m | Speed<br>r.p.m | Impeller passage<br>mm | N.W<br>kg | Packing dimension<br>mm |
|-----------------|--------------|-------------------|-----|--------------|-----------------------|------------------|---------------|----------------|------------------------|-----------|-------------------------|
| 50WQ10-10-0.75  | 380          | 0.75              | 1   | 2            | 50-50                 | 28               | 13            | 3000           | 25                     | 18        | 500*260*240             |
| 50WQD10-10-0.75 | 220          | 0.75              | 1   | 2            | 50-50                 | 28               | 13            | 3000           | 25                     | 19        | 500*260*240             |
| 50WQ8-16-1.1    | 380          | 1.1               | 1.5 | 2            | 50-50                 | 25               | 19            | 3000           | 20                     | 23.5      | 510*260*240             |
| 50WQD8-16-1.1   | 220          | 1.1               | 1.5 | 2            | 50-50                 | 25               | 19            | 3000           | 20                     | 24.5      | 520*260*240             |
| 65WQ15-10-1.1   | 380          | 1.1               | 1.5 | 2 1/2        | 50-65                 | 28               | 15            | 3000           | 25                     | 23.5      | 510*260*240             |
| 65WQD15-10-1.1  | 220          | 1.1               | 1.5 | 2 1/2        | 50-65                 | 28               | 15            | 3000           | 25                     | 24.5      | 520*260*240             |
| 50WQ8-20-1.5    | 380          | 1.5               | 2   | 2            | 50-50                 | 25               | 22            | 3000           | 20                     | 25        | 520*260*240             |
| 50WQD8-20-1.5   | 220          | 1.5               | 2   | 2            | 50-50                 | 25               | 22            | 3000           | 20                     | 26        | 520*260*240             |
| 65WQ15-15-1.5   | 380          | 1.5               | 2   | 2 1/2        | 50-65                 | 35               | 20            | 3000           | 25                     | 25        | 520*260*240             |
| 65WQD15-15-1.5  | 220          | 1.5               | 2   | 2 1/2        | 50-65                 | 35               | 20            | 3000           | 25                     | 26        | 520*260*240             |
| 50WQ15-20-2.2   | 380          | 2.2               | 3   | 2            | 50-50                 | 38               | 23            | 3000           | 25                     | 44        | 680*260*300             |
| 65WQ25-17-2.2   | 380          | 2.2               | 3   | 2 1/2        | 65-65                 | 44               | 22            | 3000           | 25                     | 42        | 680*260*300             |
| 80WQ40-9-2.2    | 380          | 2.2               | 3   | 3            | 65-80                 | 65               | 16            | 3000           | 30                     | 41        | 710*260*290             |
| 50WQ15-26-3     | 380          | 3                 | 4   | 2            | 50-50                 | 47               | 29            | 3000           | 25                     | 49        | 710*260*290             |
| 65WQ25-22-3     | 380          | 3                 | 4   | 2 1/2        | 65-65                 | 55               | 26            | 3000           | 30                     | 52        | 710*260*290             |
| 80WQ40-13-3     | 380          | 3                 | 4   | 3            | 80-80                 | 72               | 21            | 3000           | 30                     | 51        | 740*240*290             |
| 100WQ60-9-3     | 380          | 3                 | 4   | 4            | 80-100                | 88               | 19            | 3000           | 30                     | 53        | 740*240*290             |
| 65WQ25-28-4     | 380          | 4                 | 5.5 | 2 1/2        | 65-65                 | 55               | 32            | 3000           | 25                     | 61        | 770*260*230             |
| 80WQ40-18-4     | 380          | 4                 | 5.5 | 3            | 80-80                 | 80               | 24            | 3000           | 30                     | 64        | 800*260*290             |
| 100WQ60-13-4    | 380          | 4                 | 5.5 | 4            | 80-100                | 89               | 24            | 3000           | 30                     | 65        | 800*260*290             |
| 50WQ15-40-5.5   | 380          | 5.5               | 7.5 | 2            | 50-50                 | 50               | 43            | 3000           | 25                     | 73        | 790*290*310             |
| 80WQ30-30-5.5   | 380          | 5.5               | 7.5 | 3            | 80-80                 | 47               | 37            | 3000           | 30                     | 73        | 810*290*320             |

| Model                | Voltage<br>V | Motor Power<br>kW | HP  | Outlet<br>in | Guide Rial<br>Fitting | Max flow<br>m³/h | Max head<br>m | Speed<br>r.p.m | Impeller<br>passage<br>mm | N.W<br>kg | Packing dimension<br>mm |
|----------------------|--------------|-------------------|-----|--------------|-----------------------|------------------|---------------|----------------|---------------------------|-----------|-------------------------|
| 100WQ65-15-5.5       | 380          | 5.5               | 7.5 | 4            | 100-100A              | 108              | 25            | 3000           | 30                        | 79        | 820*300*350             |
| 100WQ45-22-7.5       | 380          | 7.5               | 10  | 4            | 100-100A              | 90               | 31            | 3000           | 35                        | 115       | 1000*360*380            |
| 150WQ100-10-7.5      | 380          | 7.5               | 10  | 6            | 150-150               | 140              | 20            | 3000           | 35                        | 115       | 1010*370*410            |
| 100WQ65-15-5.5(4P)   | 380          | 5.5               | 7.5 | 4            | 100-100               | 145              | 21            | 1500           | 55                        | 126       | 1030*450*530            |
| 150WQ110-10-5.5(4P)  | 380          | 5.5               | 7.5 | 6            | 150-150               | 200              | 16            | 1500           | 55                        | 153       | 1030*450*530            |
| 100WQ100-15-7.5(4P)  | 380          | 7.5               | 10  | 4            | 100-100               | 170              | 21            | 1500           | 55                        | 156       | 1030*450*530            |
| 150WQ150-10-7.5(4P)  | 380          | 7.5               | 10  | 6            | 150-150               | 220              | 16            | 1500           | 75                        | 163       | 1050*500*600            |
| 100WQ100-25-11(4P)   | 380          | 11                | 15  | 4            | 100-100               | 180              | 26            | 1500           | 50                        | 221       | 500*600*1050            |
| 150WQ130-15-11(4P)   | 380          | 11                | 15  | 6            | 150-150               | 270              | 20            | 1500           | 50                        | 239       | 500*600*1180            |
| 200WQ300-7-11(4P)    | 380          | 11                | 15  | 8            | 200-200               | 380              | 18            | 1500           | 65                        | 252       | 500*600*1180            |
| 100WQ100-30-15(4P)   | 380          | 15                | 20  | 4            | 100-100               | 190              | 32            | 1500           | 50                        | 239       | 500*600*1180            |
| 150WQ130-20-15(4P)   | 380          | 15                | 20  | 6            | 150-150               | 300              | 23            | 1500           | 50                        | 259       | 500*600*1180            |
| 200WQ250-11-15(4P)   | 380          | 15                | 20  | 8            | 200-200               | 380              | 22            | 1500           | 65                        | 274       | 500*600*1180            |
| 150WQ180-20-18.5(4P) | 380          | 18.5              | 25  | 6            | 150-150               | 300              | 26            | 1500           | 50                        | 300       | 510*640*1210            |
| 200WQ250-15-18.5(4P) | 380          | 18.5              | 25  | 8            | 200-200               | 400              | 25            | 1500           | 65                        | 300       | 510*640*1210            |
| 150WQ180-25-22(4P)   | 380          | 22                | 30  | 6            | 150-150               | 330              | 28            | 1500           | 50                        | 324       | 510*640*1250            |
| 200WQ300-15-22(4P)   | 380          | 22                | 30  | 8            | 200-200               | 450              | 28            | 1500           | 65                        | 324       | 510*640*1250            |
| 150WQ180-30-30(4P)   | 380          | 30                | 40  | 6            | 150-150               | 350              | 38            | 1500           | 70                        | 445       | 630*660*1360            |
| 200WQ250-22-30(4P)   | 380          | 30                | 40  | 8            | 200-200               | 500              | 34            | 1500           | 70                        | 446       | 660*690*1360            |
| 250WQ600-9-30(4P)    | 380          | 30                | 40  | 10           | 250-250               | 600              | 28            | 1500           | 70                        | 446       | 660*710*1360            |
| 300WQ800-7-30(4P)    | 380          | 30                | 40  | 12           | 300-300               | 1000             | 18            | 1500           | 80                        | 486       | 700*750*1450            |
| 150WQ160-45-37(4P)   | 380          | 37                | 50  | 6            | 150-150               | 380              | 43            | 1500           | 70                        | 490       | 630*680*1360            |
| 200WQ350-25-37(4P)   | 380          | 37                | 50  | 8            | 200-200               | 500              | 38            | 1500           | 70                        | 492       | 660*690*1360            |
| 250WQ600-12-37(4P)   | 380          | 37                | 50  | 10           | 250-250               | 720              | 32            | 1500           | 70                        | 495       | 660*710*1360            |
| 300WQ900-8-37(4P)    | 380          | 37                | 50  | 12           | 300-300               | 1200             | 22            | 1500           | 80                        | 535       | 700*750*1450            |
| 200WQ380-28-45(4P)   | 380          | 45                | 60  | 8            | 200-200               | 800              | 38            | 1500           | 70                        | 545       | 660*710*1450            |
| 250WQ600-15-45(4P)   | 380          | 45                | 60  | 10           | 250-250               | 600              | 43            | 1500           | 70                        | 545       | 660*710*1500            |
| 300WQ800-12-45(4P)   | 380          | 45                | 60  | 12           | 300-300               | 1300             | 25            | 1500           | 80                        | 575       | 700*750*1600            |

## Materials Table

| Item No. | Part Name          | Material                                                    |
|----------|--------------------|-------------------------------------------------------------|
| 01       | Handle             | Steel                                                       |
| 02       | Upper cover        | Cast iron                                                   |
| 03       | Capacitor          |                                                             |
| 04       | Thermal protector  |                                                             |
| 05       | Upper bearing seat | Cast iron                                                   |
| 06       | Bearing            |                                                             |
| 07       | Stator             |                                                             |
| 08       | Rotor              |                                                             |
| 09       | Bearing            |                                                             |
| 10       | Motor body         | Cast iron                                                   |
| 11       | Bearing seat       | Cast iron                                                   |
| 12       | Pump body          | Cast iron                                                   |
| 13       | Impeller           | Cast iron                                                   |
| 14       | Base               | Cast iron                                                   |
| 15       | Cable              |                                                             |
| 16       | Mechanical seal    | SiC-SiC/Carbon-Ceramic(<7.5 kW)<br>SiC-SiC/SiC-SiC(>7.5 kW) |
| 17       | Oil seal           |                                                             |
| 18       | Hose coupling      | Cast iron                                                   |
| 19       | Terminal box       | Cast iron                                                   |
| 20       | Seal bracket       | Cast iron                                                   |
| 21       | Wiring terminal    |                                                             |

