

|                  |                            |
|------------------|----------------------------|
| Discharge Head : | Stainless steel 304        |
| Check Valve :    | Stainless steel 304        |
| Impeller :       | Noryl                      |
| Diffuser :       | Glass filled Polycarbonate |
| Pump shaft :     | Stainless steel 304        |
| Pump casing :    | Stainless steel 304        |
| Strainer :       | Stainless steel 304        |

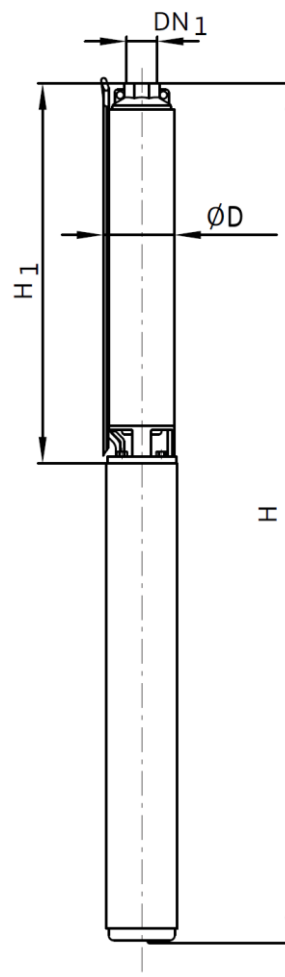
|                        |                       |
|------------------------|-----------------------|
| Discharge connection : | RP/NPT 1 ¼"           |
| Max. sand content :    | 50 gr/ m <sup>3</sup> |
| Voltage :              | 380-415V (+%6 / -%10) |
| Frequency :            | 50 Hz                 |
| Max. temperature :     | 30°C                  |
| Electrical insulation  | IP 68                 |

### Single phase motor

| Pump type  | Dimensions (mm) |                    |     |      | Net Weight (kg) |           |
|------------|-----------------|--------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                | Ø D | H    | Pump            | Pump assy |
| SPU4-01-10 | 324             | RP/<br>NPT<br>1 ¼" | 98  | 670  | 3.3             | 10.6      |
| SPU4-01-13 | 377             |                    | 98  | 723  | 3.7             | 11.0      |
| SPU4-01-19 | 481             |                    | 98  | 846  | 4.7             | 12.9      |
| SPU4-01-26 | 642             |                    | 98  | 1022 | 5.8             | 14.6      |
| SPU4-01-38 | 902             |                    | 98  | 1307 | 9.2             | 19.2      |

### Three phase motor

| Pump type  | Dimensions (mm) |                    |     |      | Net Weight (kg) |           |
|------------|-----------------|--------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                | Ø D | H    | Pump            | Pump assy |
| SPU4-01-10 | 324             | RP/<br>NPT<br>1 ¼" | 98  | 654  | 3.3             | 10.0      |
| SPU4-01-13 | 377             |                    | 98  | 707  | 3.7             | 10.4      |
| SPU4-01-19 | 481             |                    | 98  | 827  | 4.7             | 12.1      |
| SPU4-01-26 | 642             |                    | 98  | 1007 | 5.8             | 14.0      |
| SPU4-01-38 | 902             |                    | 98  | 1282 | 9.2             | 18.1      |



### Selection Chart

| Pump type  | Stages | Motor |      | Q = Delivery      |     |     |     |     |     |     |
|------------|--------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|
|            |        | kW    | HP   | l/min             | 0   | 5   | 10  | 15  | 20  | 25  |
|            |        |       |      | m <sup>3</sup> /h | 0   | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 |
| SPU4-01-10 | 10     | 0.37  | 0.5  | Head (m)          | 67  | 63  | 55  | 46  | 33  | 18  |
| SPU4-01-13 | 13     | 0.37  | 0.5  |                   | 86  | 78  | 70  | 56  | 42  | 23  |
| SPU4-01-19 | 19     | 0.55  | 0.75 |                   | 126 | 118 | 105 | 86  | 60  | 30  |
| SPU4-01-26 | 26     | 0.75  | 1    |                   | 173 | 160 | 141 | 117 | 81  | 39  |
| SPU4-01-38 | 38     | 1.1   | 1.5  |                   | 253 | 234 | 208 | 169 | 117 | 52  |

|                  |                            |
|------------------|----------------------------|
| Discharge Head : | Stainless steel 304        |
| Check Valve :    | Stainless steel 304        |
| Impeller :       | Noryl                      |
| Diffuser :       | Glass filled Polycarbonate |
| Pump shaft :     | Stainless steel 304        |
| Pump casing :    | Stainless steel 304        |
| Strainer :       | Stainless steel 304        |

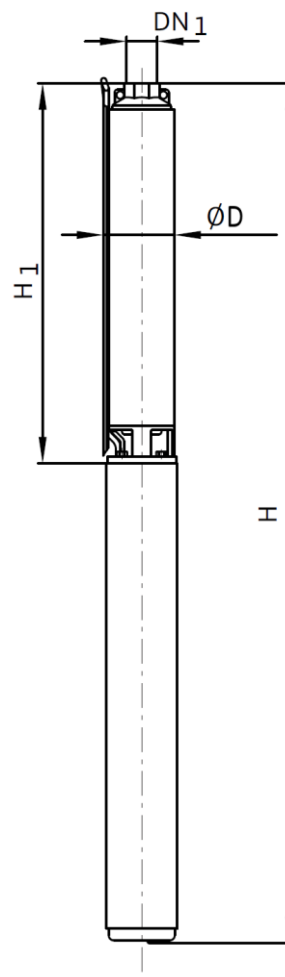
|                        |                       |
|------------------------|-----------------------|
| Discharge connection : | RP/NPT 1 ¼"           |
| Max. sand content :    | 50 gr/ m <sup>3</sup> |
| Voltage :              | 380-415V (+%6 / -%10) |
| Frequency :            | 50 Hz                 |
| Max. temperature :     | 30°C                  |
| Electrical insulation  | IP 68                 |

### Single phase motor

| Pump type  | Dimensions (mm) |                    |     |     | Net Weight (kg) |           |
|------------|-----------------|--------------------|-----|-----|-----------------|-----------|
|            | H1              | DN1                | Ø D | H   | Pump            | Pump assy |
| SPU4-02-05 | 236             | RP/<br>NPT<br>1 ¼" | 98  | 582 | 2.5             | 9.8       |
| SPU4-02-07 | 271             |                    | 98  | 617 | 2.8             | 10.1      |
| SPU4-02-10 | 324             |                    | 98  | 689 | 3.3             | 11.5      |
| SPU4-02-14 | 394             |                    | 98  | 774 | 3.9             | 12.7      |
| SPU4-02-20 | 499             |                    | 98  | 904 | 4.9             | 14.9      |

### Three phase motor

| Pump type  | Dimensions (mm) |                    |     |     | Net Weight (kg) |           |
|------------|-----------------|--------------------|-----|-----|-----------------|-----------|
|            | H1              | DN1                | Ø D | H   | Pump            | Pump assy |
| SPU4-02-05 | 236             | RP/<br>NPT<br>1 ¼" | 98  | 566 | 2.5             | 9.2       |
| SPU4-02-07 | 271             |                    | 98  | 601 | 2.8             | 9.5       |
| SPU4-02-10 | 324             |                    | 98  | 670 | 3.3             | 10.7      |
| SPU4-02-14 | 394             |                    | 98  | 759 | 3.9             | 12.1      |
| SPU4-02-20 | 499             |                    | 98  | 879 | 4.9             | 13.8      |



### Selection Chart

| Pump type  | Stages | Motor |      | Q = Delivery      |     |     |     |     |     |     |     |     |     |
|------------|--------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|            |        | kW    | HP   | l/min             | 0   | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  |
|            |        |       |      | m <sup>3</sup> /h | 0   | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
| SPU4-02-05 | 05     | 0.37  | 0.5  | Head (m)          | 34  | 32  | 31  | 29  | 27  | 25  | 23  | 19  | 16  |
| SPU4-02-07 | 07     | 0.37  | 0.5  |                   | 46  | 43  | 42  | 39  | 36  | 33  | 29  | 26  | 22  |
| SPU4-02-10 | 10     | 0.55  | 0.75 |                   | 67  | 64  | 61  | 58  | 54  | 49  | 43  | 36  | 28  |
| SPU4-02-14 | 14     | 0.75  | 1    |                   | 92  | 86  | 83  | 79  | 74  | 67  | 60  | 52  | 42  |
| SPU4-02-20 | 20     | 1.1   | 1.5  |                   | 139 | 131 | 127 | 120 | 111 | 101 | 90  | 75  | 60  |

|                  |                            |
|------------------|----------------------------|
| Discharge Head : | Stainless steel 304        |
| Check Valve :    | Stainless steel 304        |
| Impeller :       | Noryl                      |
| Diffuser :       | Glass filled Polycarbonate |
| Pump shaft :     | Stainless steel 304        |
| Pump casing :    | Stainless steel 304        |
| Strainer :       | Stainless steel 304        |

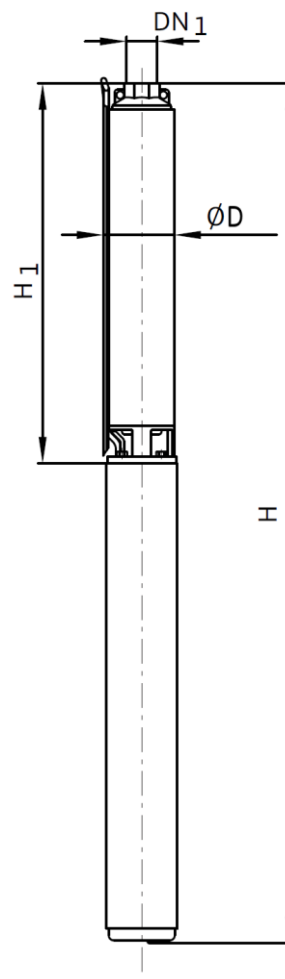
|                        |                       |
|------------------------|-----------------------|
| Discharge connection : | RP/NPT 1 1/4"         |
| Max. sand content :    | 50 gr/ m <sup>3</sup> |
| Voltage :              | 380-415V (+%6 / -%10) |
| Frequency :            | 50 Hz                 |
| Max. temperature :     | 30°C                  |
| Electrical insulation  | IP 68                 |

### Single phase motor

| Pump type  | Dimensions (mm) |                      |     |      | Net Weight (kg) |           |
|------------|-----------------|----------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                  | Ø D | H    | Pump            | Pump assy |
| SPU4-03-05 | 236             | RP/<br>NPT<br>1 1/4" | 98  | 582  | 2.5             | 9.8       |
| SPU4-03-08 | 289             |                      | 98  | 654  | 2.9             | 11.1      |
| SPU4-03-11 | 342             |                      | 98  | 722  | 3.4             | 12.2      |
| SPU4-03-16 | 430             |                      | 98  | 835  | 4.2             | 14.2      |
| SPU4-03-21 | 519             |                      | 98  | 959  | 5.0             | 16.5      |
| SPU4-03-32 | 787             |                      | 98  | 1282 | 8.1             | 22.1      |

### Three phase motor

| Pump type  | Dimensions (mm) |                      |     |      | Net Weight (kg) |           |
|------------|-----------------|----------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                  | Ø D | H    | Pump            | Pump assy |
| SPU4-03-05 | 236             | RP/<br>NPT<br>1 1/4" | 98  | 566  | 2.5             | 9.2       |
| SPU4-03-08 | 289             |                      | 98  | 635  | 2.9             | 10.3      |
| SPU4-03-11 | 342             |                      | 98  | 707  | 3.4             | 11.6      |
| SPU4-03-16 | 430             |                      | 98  | 810  | 4.2             | 13.1      |
| SPU4-03-21 | 519             |                      | 98  | 924  | 5.0             | 15.0      |
| SPU4-03-32 | 787             |                      | 98  | 1227 | 8.1             | 19.7      |



### Selection Chart

| Pump type  | Stages | Motor |      | Q = Delivery      |     |     |     |     |     |     |     |
|------------|--------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|
|            |        | kW    | HP   | l/min             | 0   | 20  | 30  | 40  | 50  | 60  | 70  |
|            |        |       |      | m <sup>3</sup> /h | 0   | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 |
| SPU4-03-05 | 05     | 0.37  | 0.5  | Head (m)          | 34  | 32  | 30  | 27  | 23  | 18  | 11  |
| SPU4-03-08 | 08     | 0.55  | 0.75 |                   | 54  | 51  | 49  | 43  | 38  | 30  | 19  |
| SPU4-03-11 | 11     | 0.75  | 1.0  |                   | 72  | 68  | 64  | 58  | 49  | 38  | 26  |
| SPU4-03-16 | 16     | 1.1   | 1.5  |                   | 106 | 101 | 95  | 83  | 70  | 54  | 33  |
| SPU4-03-21 | 21     | 1.5   | 2.0  |                   | 142 | 135 | 127 | 115 | 100 | 79  | 49  |
| SPU4-03-32 | 32     | 2.2   | 3.0  |                   | 208 | 200 | 187 | 165 | 138 | 104 | 62  |

|                  |                            |
|------------------|----------------------------|
| Discharge Head : | Stainless steel 304        |
| Check Valve :    | Stainless steel 304        |
| Impeller :       | Noryl                      |
| Diffuser :       | Glass filled Polycarbonate |
| Pump shaft :     | Stainless steel 304        |
| Pump casing :    | Stainless steel 304        |
| Strainer :       | Stainless steel 304        |

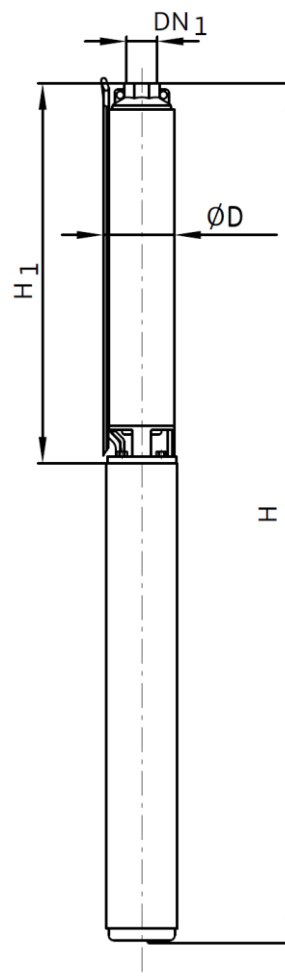
|                        |                       |
|------------------------|-----------------------|
| Discharge connection : | RP/NPT 1 1/2"         |
| Max. sand content :    | 50 gr/ m <sup>3</sup> |
| Voltage :              | 380-415V (+%6 / -%10) |
| Frequency :            | 50 Hz                 |
| Max. temperature :     | 30°C                  |
| Electrical insulation  | IP 68                 |

### Single phase motor

| Pump type  | Dimensions (mm) |                      |     |      | Net Weight (kg) |           |
|------------|-----------------|----------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                  | Ø D | H    | Pump            | Pump assy |
| SPU4-06-04 | 247             | RP/<br>NPT<br>1 1/2" | 98  | 593  | 2.4             | 9.7       |
| SPU4-06-06 | 296             |                      | 98  | 661  | 2.9             | 11.1      |
| SPU4-06-08 | 345             |                      | 98  | 725  | 3.3             | 12.1      |
| SPU4-06-12 | 433             |                      | 98  | 838  | 4.1             | 14.1      |
| SPU4-06-16 | 542             |                      | 98  | 982  | 5.0             | 16.5      |
| SPU4-06-24 | 815             |                      | 98  | 1310 | 7.6             | 21.6      |
| SPU4-06-32 | 1003            |                      | 98  | 1610 | 9.7             | 29.1      |
| SPU4-06-40 | 1198            |                      | 98  | 1881 | 11.4            | 34.1      |
| SPU4-06-44 | 1334            |                      | 98  | 2071 | 12.2            | 35.0      |

### Three phase motor

| Pump type  | Dimensions (mm) |                      |     |      | Net Weight (kg) |           |
|------------|-----------------|----------------------|-----|------|-----------------|-----------|
|            | H1              | DN1                  | Ø D | H    | Pump            | Pump assy |
| SPU4-06-04 | 247             | RP/<br>NPT<br>1 1/2" | 98  | 577  | 2.4             | 9.1       |
| SPU4-06-06 | 296             |                      | 98  | 642  | 2.9             | 10.3      |
| SPU4-06-08 | 345             |                      | 98  | 710  | 3.3             | 11.5      |
| SPU4-06-12 | 433             |                      | 98  | 813  | 4.1             | 13.0      |
| SPU4-06-16 | 542             |                      | 98  | 947  | 5.0             | 15.0      |
| SPU4-06-24 | 815             |                      | 98  | 1255 | 7.6             | 19.2      |
| SPU4-06-32 | 1003            |                      | 98  | 1519 | 9.7             | 24.9      |
| SPU4-06-40 | 1198            |                      | 98  | N/A  | 11.4            | N/A       |
| SPU4-06-44 | 1334            |                      | 98  | 1541 | 12.2            | 31.7      |



### Selection Chart

| Pump type  | Stages | Motor |      | Q = Delivery      |     |     |     |     |     |     |     |     |     |
|------------|--------|-------|------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|            |        | Kw    | HP   | I/min             | 0   | 35  | 40  | 50  | 60  | 70  | 80  | 90  | 100 |
|            |        |       |      | m <sup>3</sup> /h | 0   | 2.1 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 |
| SPU4-06-04 | 04     | 0.37  | 0.5  | Head (m)          | 26  | 23  | 22  | 21  | 19  | 17  | 14  | 11  | 7   |
| SPU4-06-06 | 06     | 0.55  | 0.75 |                   | 38  | 36  | 35  | 32  | 30  | 26  | 22  | 18  | 12  |
| SPU4-06-08 | 08     | 0.75  | 1.0  |                   | 51  | 47  | 46  | 43  | 39  | 35  | 30  | 24  | 18  |
| SPU4-06-12 | 12     | 1.1   | 1.5  |                   | 77  | 72  | 71  | 68  | 63  | 57  | 49  | 41  | 31  |
| SPU4-06-16 | 16     | 1.5   | 2.0  |                   | 102 | 98  | 96  | 92  | 86  | 77  | 68  | 57  | 46  |
| SPU4-06-24 | 24     | 2.2   | 3.0  |                   | 151 | 142 | 139 | 132 | 122 | 111 | 97  | 80  | 62  |
| SPU4-06-32 | 32     | 3.0   | 4.0  |                   | 203 | 188 | 185 | 175 | 162 | 146 | 127 | 105 | 80  |
| SPU4-06-40 | 40     | 3.7   | 5.0  |                   | 253 | 232 | 227 | 216 | 202 | 182 | 159 | 131 | 102 |
| SPU4-06-44 | 44     | 4.0   | 5.5  |                   | 278 | 265 | 260 | 247 | 230 | 210 | 187 | 159 | 127 |