



## SPM Series

5" Close-coupled Submersible Electric pumps

50Hz



**SPM**
**General Data**

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## SPM series pumps are close-coupled multistage multistage centrifugal pumps.

Close coupled multi-stage submersible pumps. The motor is protected by a double seal system with an oil chamber providing long lasting reliability.

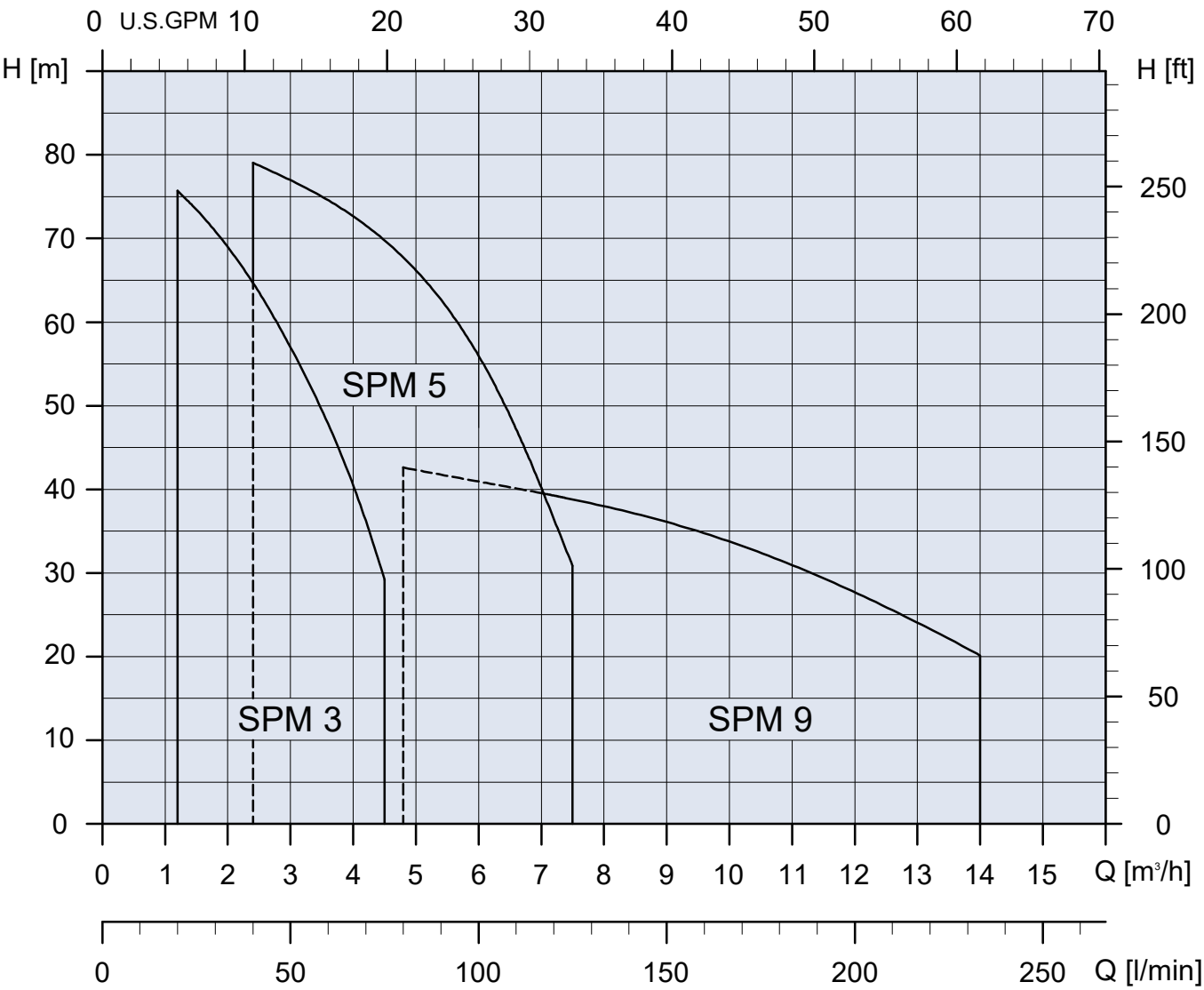
Motor cooling is assured by the pumping liquid.

AISI 304 stainless steel body and impellers ensure superior performance and maximum operational efficiency.

The SPM 5" is available with or without float switch.

It can also be installed in a horizontal position. The unit comes with 20 metres of cable and has a maximum permissible quantity of suspended sand 25 g/m<sup>3</sup>.

Performance Range





### Model Code

|                    |     |   |   |    |   |   |
|--------------------|-----|---|---|----|---|---|
|                    | SPM | 3 | - | 08 | M | A |
| STAIRS Series Name |     |   |   |    |   |   |
| Flow Rate [ m³/h ] |     |   |   |    |   |   |
| Number Of Stages   |     |   |   |    |   |   |
| Single Phase       |     |   |   |    |   |   |
| With Float Switch  |     |   |   |    |   |   |

### Application

- Water supply from collection tanks , reservoirs , 6" wells traditional wells ,fresh water courses , lakes etc.
- Automatic systems for garden use.
- Surface irrigation systems.
- Increasing pressure in general inside tank or well, to avoid suction problems and noise.
- Rainwater harvesting system.

### Feature

- Innovative
- Fast and easy installation
- Double Mechanical Seal System
- Versions with or without float switch
- Material Stainless Steel - AISI 304
- Installation : horizontal or vertical
- Built in Thermal Protector for Single Phase Model.
- Plug and play (Single Phase Only)

### Motor

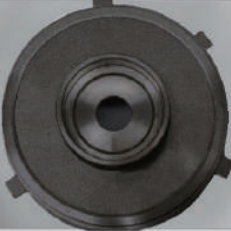
- Discharge size : RP 1 1/4" or G 1 1/4"
- Delivery : up to 14 m³/h
- Head : up to 87 m
- Power supply : Single phase , Three phase 50 Hz
- Power : from 0.55 kW up to 1.5 kW
- Temperature of pumped liquid : to 40 °C
- Maximum immersion depth : 20 m
- Maximum solids size : up to 2 mm
- Insulation class : F
- Protection : IP 68

### Control Box For Single Phase Models

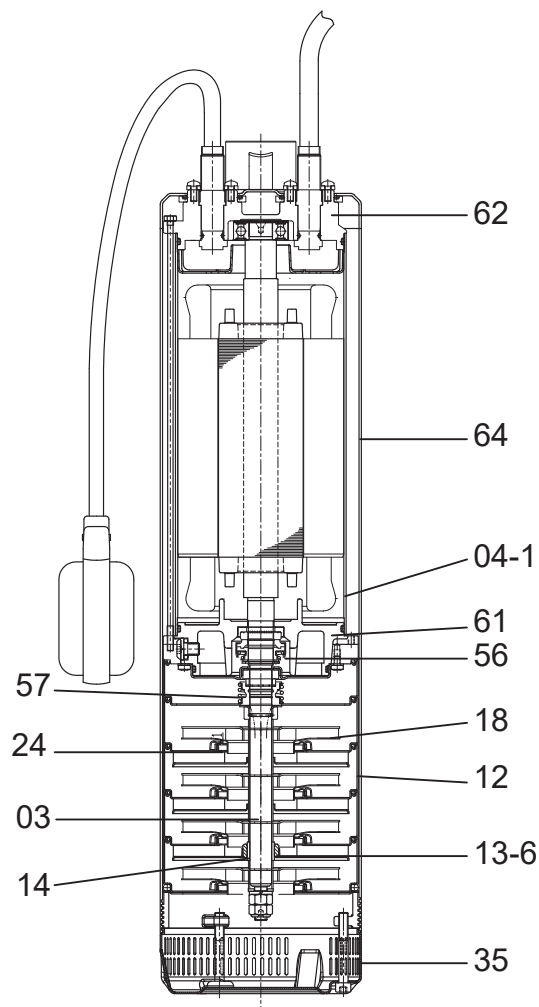
- Capacitor
- Overload Relay
- On/off Switch

### Material Options

- Pump housing: AISI 304 stainless steel
- Impeller: AISI 304 stainless steel
- Elastomers: NBR
- Motors: Different voltages

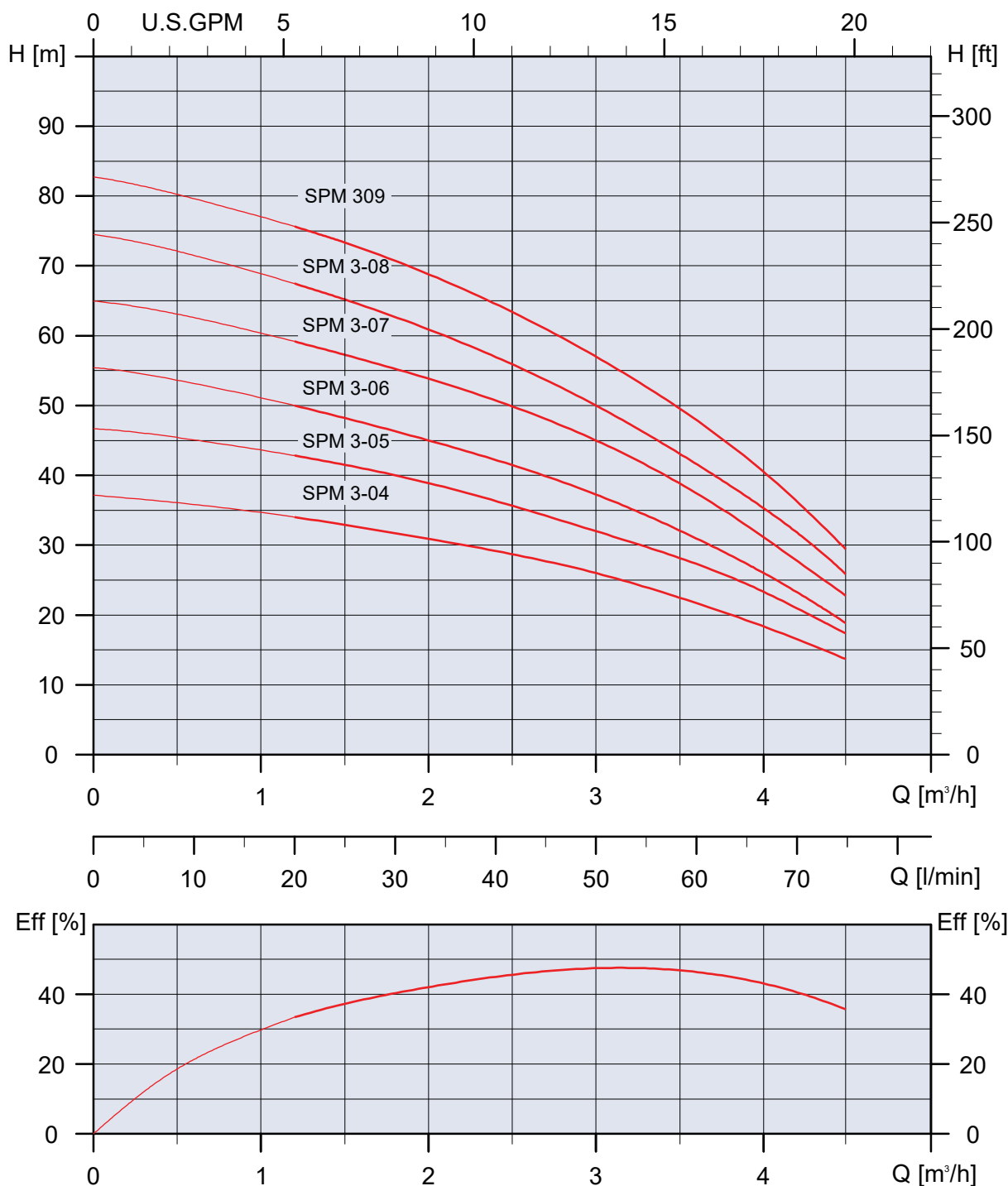
| Pos. | Super Hurricane                                                                     | Other Brand                                                                          | Other Brand                                                                           |
|------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 01   |  |  |  |
| 02   |  |  |  |

### Material



| Pos. | Componente                | Material               | ED/DIN | ANSI/ASTM |
|------|---------------------------|------------------------|--------|-----------|
| 03   | Pump shaft                | Stainless steel        | 1.4057 | AISI 431  |
| 04-1 | Motor sleeve              | Stainless steel        | 1.4301 | AISI 304  |
| 12   | Chamber complete          | Stainless steel        | 1.4301 | AISI 304  |
| 13-6 | Bearing ring (stationary) | Silicon carbide        |        |           |
| 14   | Bearing ring (rotating)   | Silicon carbide        |        |           |
| 18   | Impeller                  | Stainless steel        | 1.4301 | AISI 304  |
| 24   | Neck ring                 | PTFE                   |        |           |
| 35   | Suction strainer          | Stainless steel        | 1.4301 | AISI 304  |
| 56   | Mechanical seal           | Carbon / Ceramic / NBR |        |           |
| 57   | Mechanical seal           | Carbon / SIC / NBR     |        |           |
| 61   | Lower bearing bracket     | Stainless steel        | 1.4301 | AISI 304  |
| 62   | Upper bearing bracket     | Stainless steel        | 1.4301 | AISI 304  |
| 64   | External Sleeve           | Stainless steel        | 1.4301 | AISI 304  |

### Performance Curve



### Specifications

| Pump Type   |            |            | Q = DELIVERY |    |      |      |      |      |      |      |      |      |
|-------------|------------|------------|--------------|----|------|------|------|------|------|------|------|------|
| 1Ø          | 3Ø         |            | m³/h         | 0  | 1.2  | 1.5  | 2.0  | 2.5  | 3.0  | 3.5  | 4.0  | 4.5  |
| 220 - 240V  | 220 - 240V | 380 - 440V | l/min        | 0  | 20.0 | 25.0 | 33.3 | 41.7 | 50.0 | 58.3 | 66.7 | 75.0 |
| SPM 3-04 MA | SPM 3-04 M | SPM 3-04   | H<br>(m)     | 37 | 34   | 33   | 31   | 29   | 26   | 22   | 18   | 14   |
| SPM 3-05 MA | SPM 3-05 M | SPM 3-05   |              | 47 | 43   | 41   | 39   | 36   | 32   | 28   | 23   | 17   |
| SPM 3-06 MA | SPM 3-06 M | SPM 3-06   |              | 55 | 50   | 48   | 45   | 41   | 37   | 32   | 26   | 19   |
| SPM 3-07 MA | SPM 3-07 M | SPM 3-07   |              | 65 | 59   | 57   | 54   | 50   | 45   | 39   | 31   | 23   |
| SPM 3-08 MA | SPM 3-08 M | SPM 3-08   |              | 74 | 67   | 65   | 61   | 56   | 50   | 43   | 35   | 26   |
| SPM 3-09 MA | SPM 3-09 M | SPM 3-09   |              | 83 | 76   | 73   | 69   | 63   | 57   | 50   | 41   | 29   |

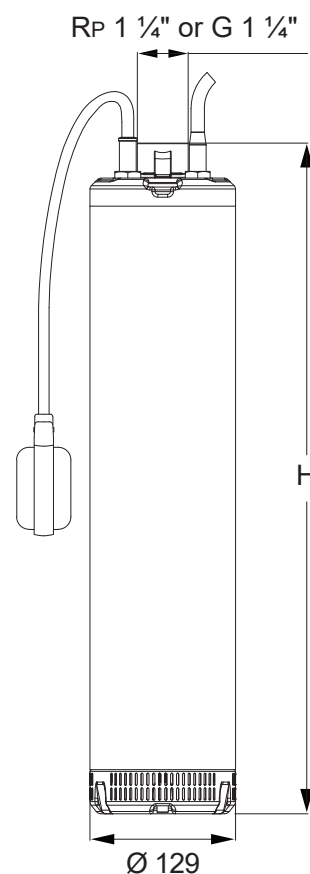
## Specifications

| Model                                                  | P <sub>1</sub> | P <sub>2</sub> |      | Capacitor |     | Max.Amp [A] |            | Head      |          | Flow                      |                          |
|--------------------------------------------------------|----------------|----------------|------|-----------|-----|-------------|------------|-----------|----------|---------------------------|--------------------------|
|                                                        | kW             | HP             | kW   | μF        | V   | 220 - 240V  | 380 - 440V | Rated (m) | Max. (m) | Rated (m <sup>3</sup> /h) | Max. (m <sup>3</sup> /h) |
| Single Phase Auto (With float switch,with control box) |                |                |      |           |     |             |            |           |          |                           |                          |
| SPM 3-04 MA                                            | 0.71           | 0.75           | 0.55 | 12        | 450 | 3.3 - 3.2   | -          | 26        | 37       | 3                         | 4.5                      |
| SPM 3-05 MA                                            | 0.86           | 0.75           | 0.55 | 12        | 450 | 4.1 - 3.7   | -          | 32        | 47       | 3                         | 4.5                      |
| SPM 3-06 MA                                            | 1.01           | 0.75           | 0.55 | 12        | 450 | 4.7 - 4.4   | -          | 37        | 55       | 3                         | 4.5                      |
| SPM 3-07 MA                                            | 1.13           | 1.0            | 0.75 | 18        | 400 | 5.4 - 5.0   | -          | 45        | 65       | 3                         | 4.5                      |
| SPM 3-08 MA                                            | 1.2            | 1.0            | 0.75 | 18        | 400 | 5.8 - 5.2   | -          | 50        | 74       | 3                         | 4.5                      |
| SPM 3-09 MA                                            | 1.41           | 1.5            | 1.1  | 20        | 400 | 6.6 - 6.4   | -          | 57        | 83       | 3                         | 4.5                      |
| Single Phase Manual (With control box)                 |                |                |      |           |     |             |            |           |          |                           |                          |
| SPM 3-04 M                                             | 0.71           | 0.75           | 0.55 | 12        | 450 | 3.3 - 3.2   | -          | 26        | 37       | 3                         | 4.5                      |
| SPM 3-05 M                                             | 0.86           | 0.75           | 0.55 | 12        | 450 | 4.1 - 3.7   | -          | 32        | 47       | 3                         | 4.5                      |
| SPM 3-06 M                                             | 1.01           | 0.75           | 0.55 | 12        | 450 | 4.7 - 4.4   | -          | 37        | 55       | 3                         | 4.5                      |
| SPM 3-07 M                                             | 1.13           | 1.0            | 0.75 | 18        | 400 | 5.4 - 5.0   | -          | 45        | 65       | 3                         | 4.5                      |
| SPM 3-08 M                                             | 1.2            | 1.0            | 0.75 | 18        | 400 | 5.8 - 5.2   | -          | 50        | 74       | 3                         | 4.5                      |
| SPM 3-09 M                                             | 1.41           | 1.5            | 1.1  | 20        | 400 | 6.6 - 6.4   | -          | 57        | 83       | 3                         | 4.5                      |
| Three Phase                                            |                |                |      |           |     |             |            |           |          |                           |                          |
| SPM 3-04                                               | 0.72           | 0.75           | 0.55 | -         | -   | 2.6 - 3.0   | 1.5 - 1.4  | 26        | 37       | 3                         | 4.5                      |
| SPM 3-05                                               | 0.86           | 0.75           | 0.55 | -         | -   | 2.8 - 3.2   | 1.6 - 1.5  | 32        | 47       | 3                         | 4.5                      |
| SPM 3-06                                               | 1.0            | 0.75           | 0.55 | -         | -   | 3.1 - 3.4   | 1.8 - 1.6  | 37        | 55       | 3                         | 4.5                      |
| SPM 3-07                                               | 1.16           | 1.0            | 0.75 | -         | -   | 4.0 - 4.3   | 2.3 - 2.4  | 45        | 65       | 3                         | 4.5                      |
| SPM 3-08                                               | 1.22           | 1.0            | 0.75 | -         | -   | 4.1 - 4.4   | 2.4 - 2.5  | 50        | 74       | 3                         | 4.5                      |
| SPM 3-09                                               | 1.42           | 1.5            | 1.1  | -         | -   | 5.0 - 5.6   | 2.8 - 3.2  | 57        | 83       | 3                         | 4.5                      |

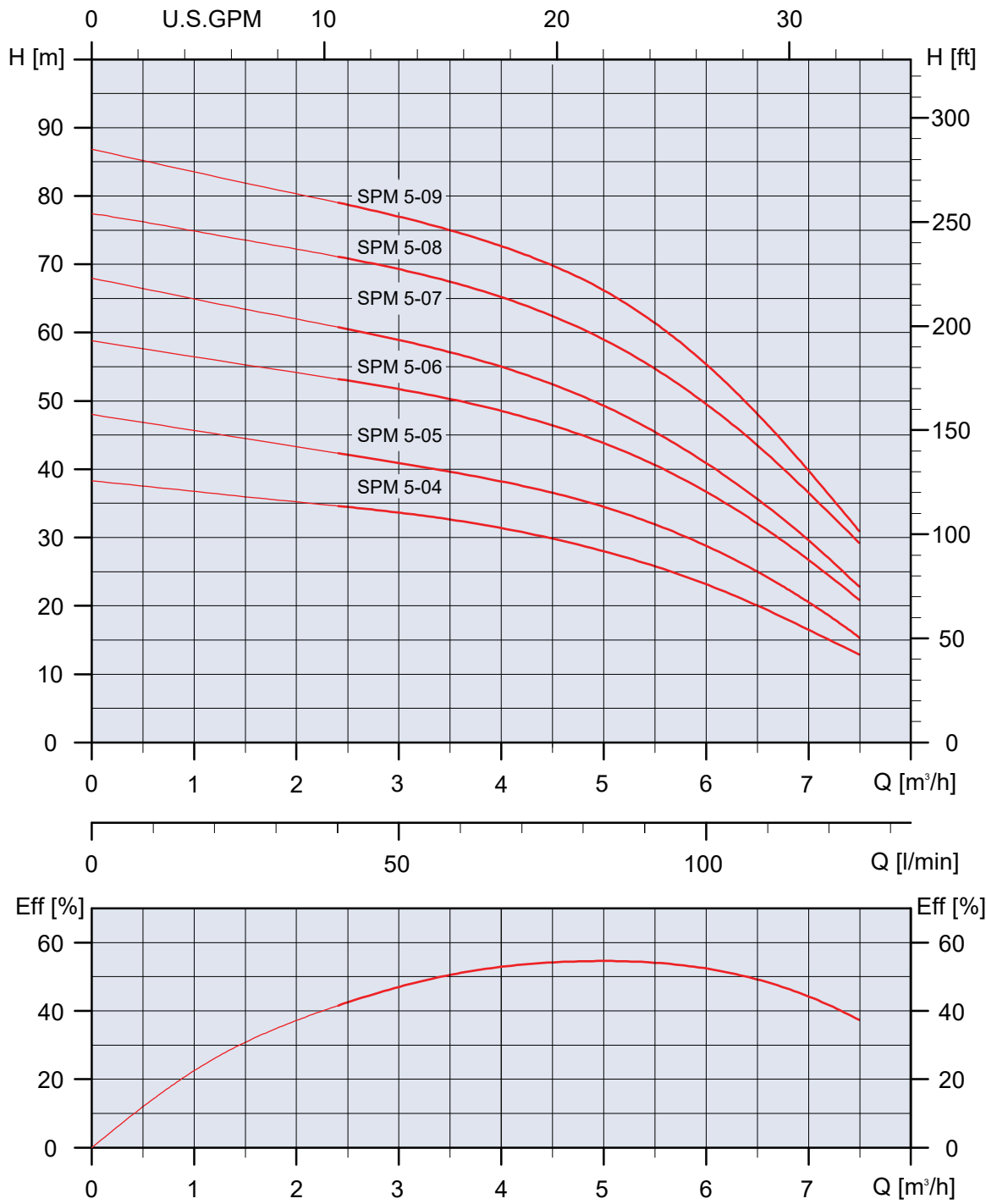
\*Maximum values within operating range.

## Specifications

| Model                                                  | H   | Cable<br>( H07RN-F ) |                 | Solid<br>Passage<br>(mm) | Net<br>Weight<br>(kg) |
|--------------------------------------------------------|-----|----------------------|-----------------|--------------------------|-----------------------|
|                                                        |     | m                    | mm <sup>2</sup> |                          |                       |
| Single phase Auto (With float switch,with control box) |     |                      |                 |                          |                       |
| SPM 3-04 MA                                            | 425 | 20                   | 4G1.0           | 2                        | 14.9                  |
| SPM 3-05 MA                                            | 443 | 20                   | 4G1.0           | 2                        | 15.2                  |
| SPM 3-06 MA                                            | 461 | 20                   | 4G1.0           | 2                        | 15.5                  |
| SPM 3-07 MA                                            | 501 | 20                   | 4G1.0           | 2                        | 17.2                  |
| SPM 3-08 MA                                            | 519 | 20                   | 4G1.0           | 2                        | 17.6                  |
| SPM 3-09 MA                                            | 555 | 20                   | 4G1.5           | 2                        | 19.2                  |
| Single phase Manual (With control box)                 |     |                      |                 |                          |                       |
| SPM 3-04 M                                             | 425 | 20                   | 4G1.0           | 2                        | 14.5                  |
| SPM 3-05 M                                             | 443 | 20                   | 4G1.0           | 2                        | 14.8                  |
| SPM 3-06 M                                             | 461 | 20                   | 4G1.0           | 2                        | 15.1                  |
| SPM 3-07 M                                             | 501 | 20                   | 4G1.0           | 2                        | 16.8                  |
| SPM 3-08 M                                             | 519 | 20                   | 4G1.0           | 2                        | 17.2                  |
| SPM 3-09 M                                             | 555 | 20                   | 4G1.5           | 2                        | 18.8                  |
| Three phase                                            |     |                      |                 |                          |                       |
| SPM 3-04                                               | 425 | 20                   | 4G1.0           | 2                        | 13.8                  |
| SPM 3-05                                               | 443 | 20                   | 4G1.0           | 2                        | 14.1                  |
| SPM 3-06                                               | 461 | 20                   | 4G1.0           | 2                        | 14.4                  |
| SPM 3-07                                               | 501 | 20                   | 4G1.0           | 2                        | 16.1                  |
| SPM 3-08                                               | 519 | 20                   | 4G1.0           | 2                        | 16.4                  |
| SPM 3-09                                               | 555 | 20                   | 4G1.0           | 2                        | 18.0                  |



Performance Curve



Specifications

| Pump Type   |            |            | Q = DELIVERY |    |      |      |      |      |      |      |      |       |       |
|-------------|------------|------------|--------------|----|------|------|------|------|------|------|------|-------|-------|
| 1ø          | 3ø         |            | m³/h         | 0  | 2.4  | 3.0  | 3.5  | 4.0  | 4.5  | 5.0  | 5.5  | 6.5   | 7.5   |
| 220 - 240V  | 220 - 240V | 380 - 440V | l/min        | 0  | 40.0 | 50.0 | 58.3 | 66.7 | 75.0 | 83.3 | 91.7 | 108.3 | 125.0 |
| SPM 5-04 MA | SPM 5-04 M | SPM 5-04   | H<br>(m)     | 38 | 35   | 34   | 33   | 31   | 30   | 28   | 26   | 20    | 13    |
| SPM 5-05 MA | SPM 5-05 M | SPM 5-05   |              | 48 | 42   | 41   | 40   | 38   | 37   | 34   | 32   | 25    | 15    |
| SPM 5-06 MA | SPM 5-06 M | SPM 5-06   |              | 59 | 53   | 52   | 50   | 49   | 46   | 44   | 41   | 32    | 21    |
| SPM 5-07 MA | SPM 5-07 M | SPM 5-07   |              | 68 | 61   | 59   | 57   | 55   | 52   | 49   | 45   | 36    | 23    |
| SPM 5-08 MA | SPM 5-08 M | SPM 5-08   |              | 77 | 71   | 69   | 67   | 65   | 62   | 59   | 55   | 43    | 29    |
| SPM 5-09 MA | SPM 5-09 M | SPM 5-09   |              | 87 | 79   | 77   | 75   | 73   | 70   | 66   | 61   | 48    | 31    |

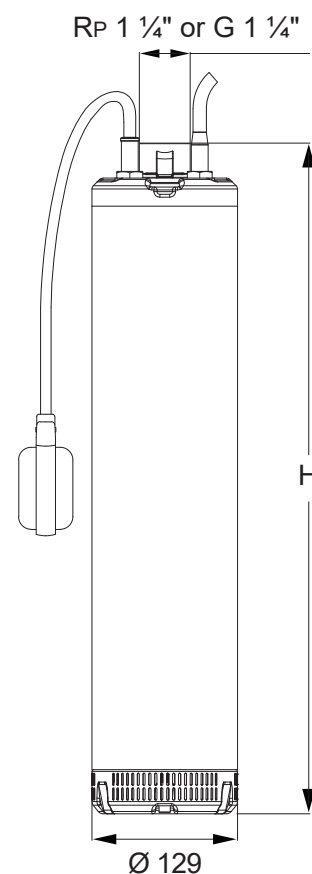
### Specifications

| Model                                                  | P1   | P2  |      | Capacitor |     | Max.Amp [A] |            | Head      |          | Flow                      |                          |
|--------------------------------------------------------|------|-----|------|-----------|-----|-------------|------------|-----------|----------|---------------------------|--------------------------|
|                                                        | kW   | HP  | kW   | μF        | V   | 220 - 240V  | 380 - 440V | Rated (m) | Max. (m) | Rated (m <sup>3</sup> /h) | Max. (m <sup>3</sup> /h) |
| Single Phase Auto (With float switch,with control box) |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 5-04 MA                                            | 1.08 | 1.0 | 0.75 | 18        | 400 | 5.1 - 4.8   | -          | 28        | 38       | 5                         | 7.5                      |
| SPM 5-05 MA                                            | 1.38 | 1.0 | 0.75 | 18        | 400 | 6.5 - 6.0   | -          | 34        | 48       | 5                         | 7.5                      |
| SPM 5-06 MA                                            | 1.66 | 1.5 | 1.1  | 20        | 400 | 8.0 - 7.4   | -          | 44        | 59       | 5                         | 7.5                      |
| SPM 5-07 MA                                            | 1.86 | 1.5 | 1.1  | 20        | 400 | 8.9 - 8.3   | -          | 49        | 68       | 5                         | 7.5                      |
| SPM 5-08 MA                                            | 2.11 | 2.0 | 1.5  | 35        | 450 | 9.8 - 9.3   | -          | 59        | 77       | 5                         | 7.5                      |
| SPM 5-09 MA                                            | 2.37 | 2.0 | 1.5  | 35        | 450 | 10.8 - 9.8  | -          | 66        | 87       | 5                         | 7.5                      |
| Single Phase Manual (With control box)                 |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 5-04 M                                             | 1.08 | 1.0 | 0.75 | 18        | 400 | 5.1 - 4.8   | -          | 28        | 38       | 5                         | 7.5                      |
| SPM 5-05 M                                             | 1.38 | 1.0 | 0.75 | 18        | 400 | 6.5 - 6.0   | -          | 34        | 48       | 5                         | 7.5                      |
| SPM 5-06 M                                             | 1.66 | 1.5 | 1.1  | 20        | 400 | 8.0 - 7.4   | -          | 44        | 59       | 5                         | 7.5                      |
| SPM 5-07 M                                             | 1.86 | 1.5 | 1.1  | 20        | 400 | 8.9 - 8.3   | -          | 49        | 68       | 5                         | 7.5                      |
| SPM 5-08 M                                             | 2.11 | 2.0 | 1.5  | 35        | 450 | 9.8 - 9.3   | -          | 59        | 77       | 5                         | 7.5                      |
| SPM 5-09 M                                             | 2.37 | 2.0 | 1.5  | 35        | 450 | 10.8 - 9.8  | -          | 66        | 87       | 5                         | 7.5                      |
| Three Phase                                            |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 5-04                                               | 1.12 | 1.0 | 0.75 | -         | -   | 3.9 - 4.3   | 2.2 - 2.5  | 28        | 38       | 5                         | 7.5                      |
| SPM 5-05                                               | 1.39 | 1.0 | 0.75 | -         | -   | 4.5 - 4.6   | 2.5 - 2.7  | 34        | 48       | 5                         | 7.5                      |
| SPM 5-06                                               | 1.66 | 1.5 | 1.1  | -         | -   | 5.5 - 6.0   | 3.1 - 3.4  | 44        | 59       | 5                         | 7.5                      |
| SPM 5-07                                               | 1.81 | 1.5 | 1.1  | -         | -   | 5.9 - 6.3   | 3.3 - 3.6  | 49        | 68       | 5                         | 7.5                      |
| SPM 5-08                                               | 2.05 | 2.0 | 1.5  | -         | -   | 6.5 - 6.6   | 3.7 - 3.8  | 59        | 77       | 5                         | 7.5                      |
| SPM 5-09                                               | 2.33 | 2.0 | 1.5  | -         | -   | 7.0 - 7.1   | 4.1 - 4.0  | 66        | 87       | 5                         | 7.5                      |

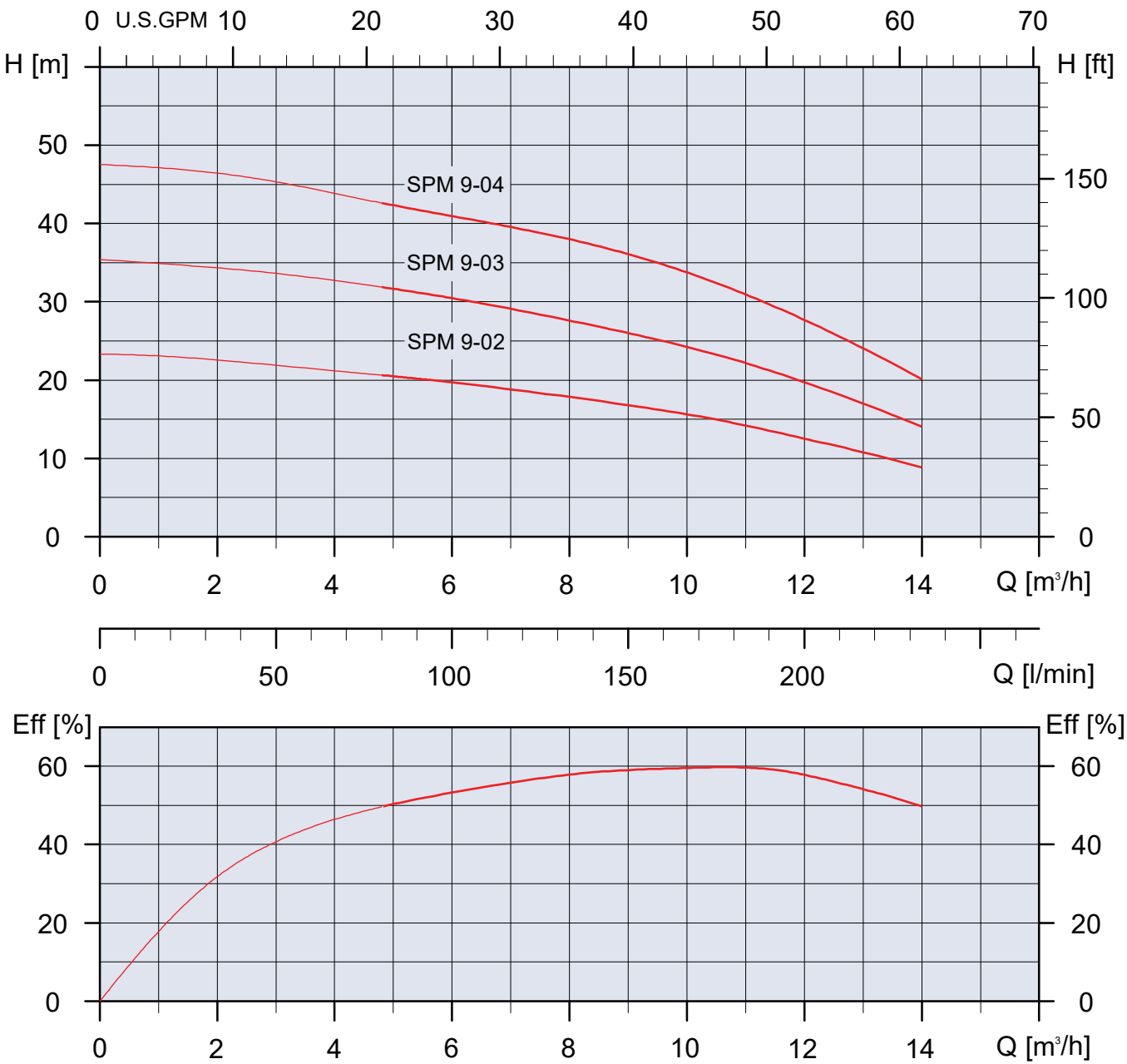
\*Maximum values within operating range.

### Specifications

| Model                                                  | H   | Cable<br>( H07RN-F ) |                 | Solid<br>Passage<br>(mm) | Net<br>Weight<br>(kg) |
|--------------------------------------------------------|-----|----------------------|-----------------|--------------------------|-----------------------|
|                                                        |     | m                    | mm <sup>2</sup> |                          |                       |
| Single phase Auto (With float switch,with control box) |     |                      |                 |                          |                       |
| SPM 5-04 MA                                            | 447 | 20                   | 4G1.0           | 2                        | 16.3                  |
| SPM 5-05 MA                                            | 465 | 20                   | 4G1.0           | 2                        | 16.6                  |
| SPM 5-06 MA                                            | 501 | 20                   | 4G1.5           | 2                        | 19.0                  |
| SPM 5-07 MA                                            | 519 | 20                   | 4G1.5           | 2                        | 19.3                  |
| SPM 5-08 MA                                            | 577 | 20                   | 4G1.5           | 2                        | 22.2                  |
| SPM 5-09 MA                                            | 595 | 20                   | 4G1.5           | 2                        | 22.6                  |
| Single phase Manual (With control box)                 |     |                      |                 |                          |                       |
| SPM 5-04 M                                             | 447 | 20                   | 4G1.0           | 2                        | 15.9                  |
| SPM 5-05 M                                             | 465 | 20                   | 4G1.0           | 2                        | 16.2                  |
| SPM 5-06 M                                             | 501 | 20                   | 4G1.5           | 2                        | 18.6                  |
| SPM 5-07 M                                             | 519 | 20                   | 4G1.5           | 2                        | 18.9                  |
| SPM 5-08 M                                             | 577 | 20                   | 4G1.5           | 2                        | 21.8                  |
| SPM 5-09 M                                             | 595 | 20                   | 4G1.5           | 2                        | 22.2                  |
| Three phase                                            |     |                      |                 |                          |                       |
| SPM 5-04                                               | 447 | 20                   | 4G1.0           | 2                        | 15.1                  |
| SPM 5-05                                               | 465 | 20                   | 4G1.0           | 2                        | 15.4                  |
| SPM 5-06                                               | 501 | 20                   | 4G1.0           | 2                        | 17.0                  |
| SPM 5-07                                               | 519 | 20                   | 4G1.0           | 2                        | 17.4                  |
| SPM 5-08                                               | 577 | 20                   | 4G1.0           | 2                        | 20.3                  |
| SPM 5-09                                               | 595 | 20                   | 4G1.0           | 2                        | 20.6                  |



Performance Curve



Specifications

| Pump Type   |            |            | Q = DELIVERY |    |      |       |       |       |       |       |       |       |       |  |
|-------------|------------|------------|--------------|----|------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 1Ø          | 3Ø         |            | m³/h         | 0  | 4.8  | 6.0   | 8.0   | 9.0   | 10.0  | 11.0  | 12.0  | 13.0  | 14.0  |  |
| 220 - 240V  | 220 - 240V | 380 - 440V | l/min        | 0  | 80.0 | 100.0 | 133.3 | 150.0 | 166.7 | 183.3 | 200.0 | 216.7 | 233.3 |  |
| SPM 9-02 MA | SPM 9-02 M | SPM 9-02   | H (m)        | 23 | 21   | 20    | 18    | 17    | 16    | 14    | 13    | 11    | 9     |  |
| SPM 9-03 MA | SPM 9-03 M | SPM 9-03   |              | 35 | 32   | 30    | 28    | 26    | 24    | 22    | 20    | 17    | 14    |  |
| SPM 9-04 MA | SPM 9-04 M | SPM 9-04   |              | 48 | 43   | 41    | 38    | 36    | 34    | 31    | 28    | 24    | 20    |  |

### Specifications

| Model                                                  | P1   | P2  |      | Capacitor |     | Max.Amp [A] |            | Head      |          | Flow                      |                          |
|--------------------------------------------------------|------|-----|------|-----------|-----|-------------|------------|-----------|----------|---------------------------|--------------------------|
|                                                        | kW   | HP  | kW   | μF        | V   | 220 - 240V  | 380 - 440V | Rated (m) | Max. (m) | Rated (m <sup>3</sup> /h) | Max. (m <sup>3</sup> /h) |
| Single Phase Auto (With float switch,with control box) |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 9-02 MA                                            | 1.16 | 1.0 | 0.75 | 18        | 400 | 5.3 - 5.2   | -          | 16        | 23       | 10                        | 14                       |
| SPM 9-03 MA                                            | 1.62 | 1.5 | 1.1  | 20        | 400 | 7.7 - 7.3   | -          | 24        | 35       | 10                        | 14                       |
| SPM 9-04 MA                                            | 2.12 | 2.0 | 1.5  | 35        | 450 | 9.9 - 9.2   | -          | 34        | 48       | 10                        | 14                       |
| Single Phase Manual (With control box)                 |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 9-02 M                                             | 1.16 | 1.0 | 0.75 | 18        | 400 | 5.3 - 5.2   | -          | 16        | 23       | 10                        | 14                       |
| SPM 9-03 M                                             | 1.62 | 1.5 | 1.1  | 20        | 400 | 7.7 - 7.3   | -          | 24        | 35       | 10                        | 14                       |
| SPM 9-04 M                                             | 2.12 | 2.0 | 1.5  | 35        | 450 | 9.9 - 9.2   | -          | 34        | 48       | 10                        | 14                       |
| Three Phase                                            |      |     |      |           |     |             |            |           |          |                           |                          |
| SPM 9-02                                               | 1.17 | 1.0 | 0.75 | -         | -   | 4.0 - 4.4   | 2.3 - 2.5  | 16        | 23       | 10                        | 14                       |
| SPM 9-03                                               | 1.58 | 1.5 | 1.1  | -         | -   | 5.3 - 5.7   | 3.0 - 3.3  | 24        | 35       | 10                        | 14                       |
| SPM 9-04                                               | 2.06 | 2.0 | 1.5  | -         | -   | 6.5 - 6.6   | 3.8 - 3.7  | 34        | 48       | 10                        | 14                       |

\*Maximum values within operating range.

### Specifications

| Model                                                  | H   | Cable<br>( H07RN-F ) |                 | Solid<br>Passage<br>(mm) | Net<br>Weight<br>(kg) |
|--------------------------------------------------------|-----|----------------------|-----------------|--------------------------|-----------------------|
|                                                        |     | m                    | mm <sup>2</sup> |                          |                       |
| Single phase Auto (With float switch,with control box) |     |                      |                 |                          |                       |
| SPM 9-02 MA                                            | 488 | 20                   | 4G1.0           | 2                        | 15.9                  |
| SPM 9-03 MA                                            | 488 | 20                   | 4G1.5           | 2                        | 18.6                  |
| SPM 9-04 MA                                            | 488 | 20                   | 4G1.5           | 2                        | 21.6                  |
| Single phase Manual (With control box)                 |     |                      |                 |                          |                       |
| SPM 9-02 M                                             | 488 | 20                   | 4G1.0           | 2                        | 15.5                  |
| SPM 9-03 M                                             | 488 | 20                   | 4G1.5           | 2                        | 18.2                  |
| SPM 9-04 M                                             | 488 | 20                   | 4G1.5           | 2                        | 21.2                  |
| Three phase                                            |     |                      |                 |                          |                       |
| SPM 9-02                                               | 488 | 20                   | 4G1.0           | 2                        | 14.7                  |
| SPM 9-03                                               | 488 | 20                   | 4G1.0           | 2                        | 16.6                  |
| SPM 9-04                                               | 488 | 20                   | 4G1.0           | 2                        | 19.7                  |

