

Tolleranza alla sabbia 150 g/m<sup>3</sup> - Sand tolerance 150 g/m<sup>3</sup>

**PANELLI**<sup>®</sup>  
Italian excellence since 1906

**135 ML** | **5"**

POMPA SOMMERSA MONOBLOCCO  
MONOBLOCK SUBMERSIBLE PUMP



Dimensioni ridotte  
*Small size*



Risparmio energetico  
*Energy savings*



Pronta per l'installazione  
*Ready-to-install*

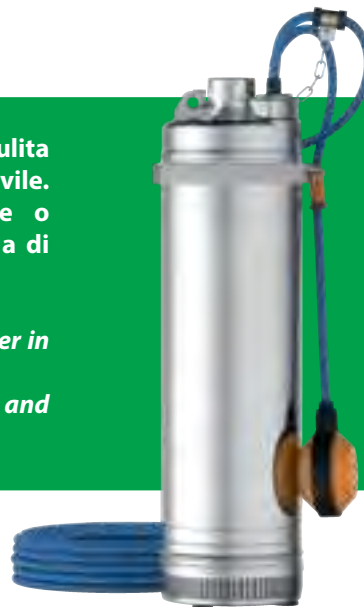
135 ML

**PANELLI**

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Sono consigliate per pompare acqua pulita nel settore domestico, agricolo e civile. Per approvvigionamento idrico da vasche o serbatoi di prima raccolta, e per irrigazione a di orti e giardini.

*They are recommended for pumping clean water in the domestic, agricultural and civil sectors. For supplying water from tanks or reservoirs, and for irrigating gardens and vegetable gardens.*



### CAMPO DELLE PRESTAZIONI

- Portata fino a **160 l/min** (9.6 m<sup>3</sup>/h)
- Prevalenza fino a **97 m**

### UTILIZZI E INSTALLAZIONI

Per l'elevato rendimento e affidabilità, sono consigliate per pompare acqua pulita nel settore domestico, civile, agricolo, per la distribuzione dell'acqua in accoppiamento ad autoclavi, per l'irrigazione di orti e giardini, per l'innalzamento di pressione, ecc.

### VERSIONE STANDARD

- Galleggiante esterno per versioni monofase
- Cavo di alimentazione di lunghezza **10 m**

### LIMITI D'IMPIEGO

- Temperatura del liquido fino a **+40 °C**
- Contenuto di sabbia massimo **150 g/m<sup>3</sup>**
- Profondità d'impiego sotto il livello dell'acqua fino a **20 m** (con cavo di alimentazione di lunghezza adeguata)

### ESECUZIONI A RICHIESTA

- Elettropompa fornita con una diversa lunghezza del cavo di alimentazione
- Altre tensioni o frequenza a 60 Hz

### PERFORMANCE RANGE

- Flow rate up to **160 l/min** (9.6 m<sup>3</sup>/h)
- Head up to **97 m**

### USES AND INSTALLATIONS

*Due to their high efficiency and reliability, they are recommended for pumping clean water in the domestic, civil, and agricultural sectors, for water distribution in conjunction with autoclaves, for irrigating gardens and vegetable gardens, for pressure boosting, etc.*

### STANDARD VERSION

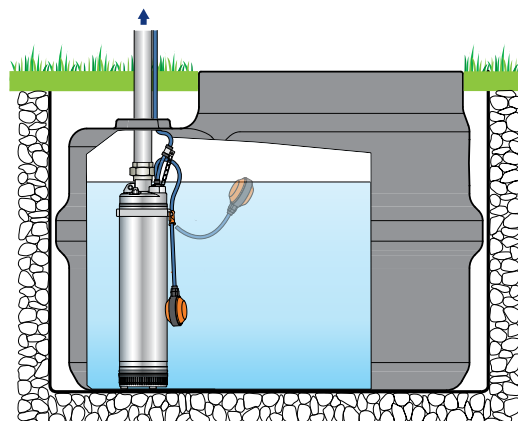
- External float for Single-phase versions
- Power supply cable length **10 m**

### LIMITS OF USE

- Liquid temperature up to **+40 °C**
- Maximum sand content **150 g/m<sup>3</sup>**
- Depth of use below water level up to **20 m** (with appropriate length of power cable)

### POSSIBLE ON DEMAND

- Electric pump supplied with a different power cable length
- Other voltages or frequency at 60 Hz

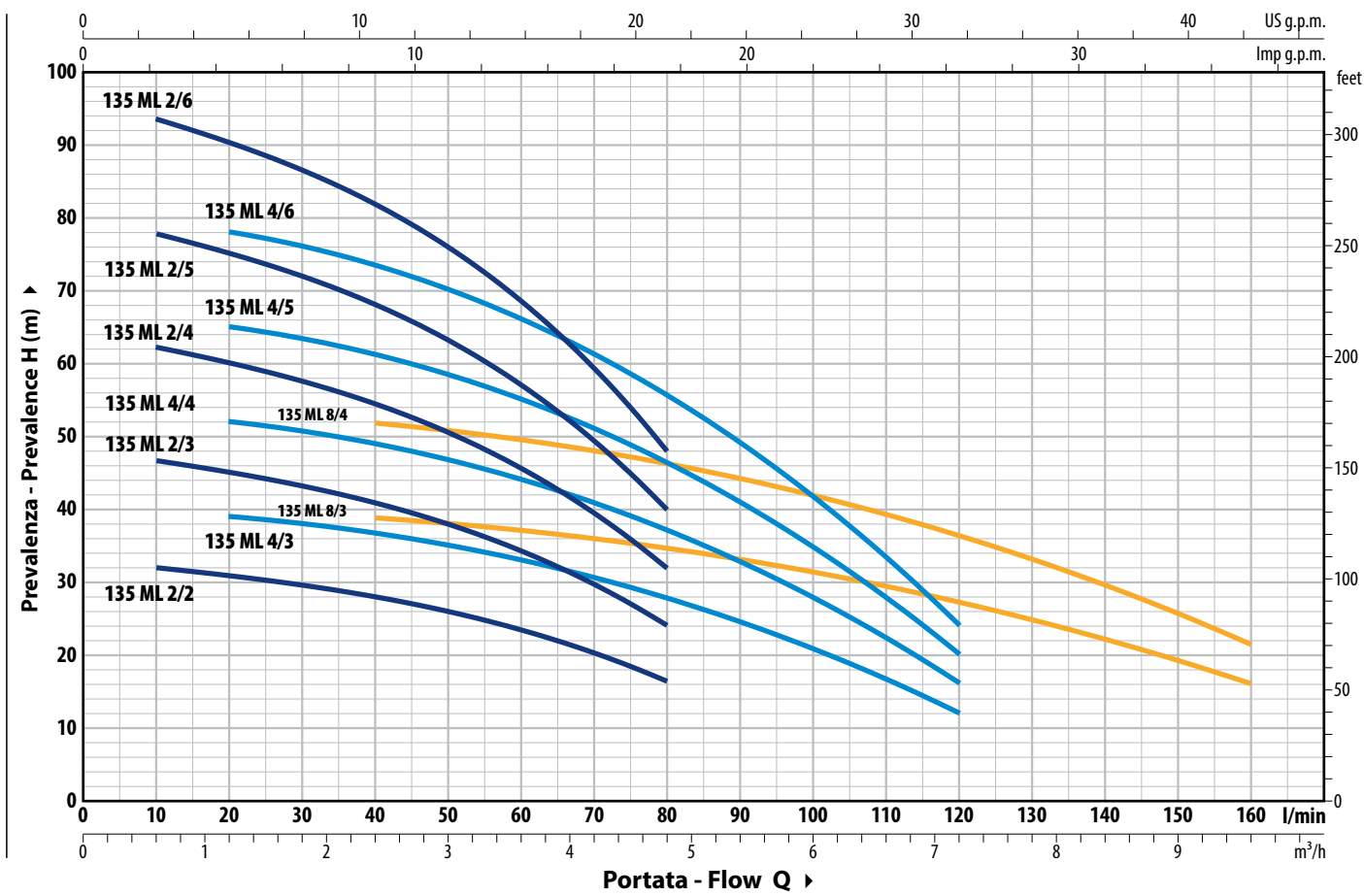


Installazione verticale  
Vertical installation

CARATTERISTICHE IDRAULICHE - HYDRAULIC PERFORMANCES

Q= Portata - Capacity - Debit

50 Hz



| TIPO - TYPE    |             | POWER (P <sub>2</sub> ) |      | Q     | H (m) |      |      |      |      |      |      |      |      |      |      |      |      |  |
|----------------|-------------|-------------------------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| Single-phase   | Three-phase | kW                      | HP   |       | 0     | 0.6  | 1.2  | 2.4  | 3.0  | 3.6  | 4.2  | 4.8  | 6.0  | 6.6  | 7.2  | 8.4  | 9.6  |  |
|                |             |                         |      | l/min | 0     | 10   | 20   | 40   | 50   | 60   | 70   | 80   | 100  | 110  | 120  | 140  | 160  |  |
| 135 MLm 2/2 GE | -           | 0.37                    | 0.5  | H (m) | 33    | 32   | 31   | 28   | 26   | 23.5 | 20.3 | 16.4 |      |      |      |      |      |  |
| 135 MLm 2/3 GE | 135 ML 2/3  | 0.55                    | 0.75 |       | 48.5  | 47   | 45   | 41   | 38   | 34.5 | 29.5 | 24   |      |      |      |      |      |  |
| 135 MLm 2/4 GE | 135 ML 2/4  | 0.75                    | 1    |       | 64.5  | 62.5 | 60.5 | 54.5 | 50.5 | 46   | 39.5 | 32   |      |      |      |      |      |  |
| 135 MLm 2/5 GE | 135 ML 2/5  | 1.1                     | 1.5  |       | 80    | 78   | 75   | 68.5 | 63.5 | 57   | 49.5 | 40   |      |      |      |      |      |  |
| 135 MLm 2/6 GE | 135 ML 2/6  | 1.5                     | 2    |       | 97    | 94   | 90   | 82   | 76   | 68.5 | 59.5 | 48   |      |      |      |      |      |  |
| 135 MLm 4/3 GE | 135 ML 4/3  | 0.55                    | 0.75 |       | 40    | 39.5 | 39   | 36.5 | 35   | 33   | 30.5 | 28   | 20.8 | 16.6 | 12   |      |      |  |
| 135 MLm 4/4 GE | 135 ML 4/4  | 0.75                    | 1    |       | 53    | 53   | 52   | 49   | 46.5 | 44   | 41   | 37   | 28   | 22.2 | 16   |      |      |  |
| 135 MLm 4/5 GE | 135 ML 4/5  | 1.1                     | 1.5  |       | 67    | 66   | 65   | 61   | 58.5 | 55   | 51   | 46.5 | 34.5 | 27.5 | 20   |      |      |  |
| 135 MLm 4/6 GE | 135 ML 4/6  | 1.5                     | 2    |       | 80    | 79   | 78   | 73   | 70   | 66   | 61   | 55.5 | 41.5 | 33.5 | 24   |      |      |  |
| 135 MLm 8/3 GE | 135 ML 8/3  | 1.1                     | 1.5  |       | 40.5  | 40.5 | 40   | 39   | 38   | 37.5 | 36   | 35   | 31.5 | 29.5 | 27.5 | 22.3 | 16.2 |  |
| 135 MLm 8/4 GE | 135 ML 8/4  | 1.5                     | 2    |       | 54    | 54   | 53.5 | 52   | 51   | 49.5 | 48   | 46.5 | 42   | 39.5 | 36.5 | 29.5 | 21.6 |  |

Tolleranza delle curve di prestazione secondo EN ISO 9906 Grado 3B.

➔ A richiesta elettropompe monofase senza interruttore a galleggiante esterno

➔ On request single-phase electric pumps without external float switch

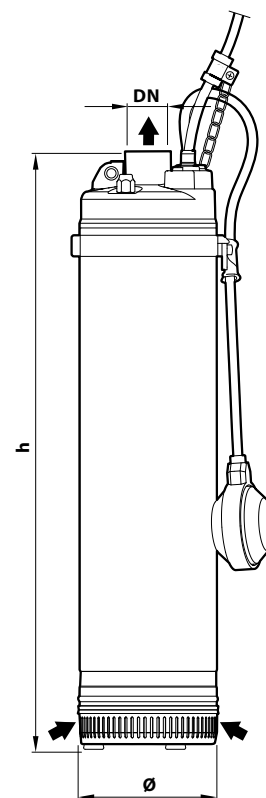
#### ASSORBIMENTI - ABSORPTION

| TIPO - TYPE         | TENSIONE - VOLTAGE |
|---------------------|--------------------|
| <b>Single-phase</b> | <b>230 V</b>       |
| 135 MLm 2/2 GE      | 4.3 A              |
| 135 MLm 2/3 GE      | 5.5 A              |
| 135 MLm 2/4 GE      | 6.2 A              |
| 135 MLm 2/5 GE      | 7.6 A              |
| 135 MLm 2/6 GE      | 9.2 A              |
| 135 MLm 4/3 GE      | 5.0 A              |
| 135 MLm 4/4 GE      | 6.2 A              |
| 135 MLm 4/5 GE      | 7.5 A              |
| 135 MLm 4/6 GE      | 8.7 A              |
| 135 MLm 8/3 GE      | 7.1 A              |
| 135 MLm 8/4 GE      | 9.2 A              |

| TIPO - TYPE        | TENSIONE - VOLTAGE |
|--------------------|--------------------|
| <b>Three-phase</b> | <b>400 V</b>       |
| 135 ML 2/3         | 1.9 A              |
| 135 ML 2/4         | 2.3 A              |
| 135 ML 2/5         | 3.0 A              |
| 135 ML 2/6         | 3.4 A              |
| 135 ML 4/3         | 1.8 A              |
| 135 ML 4/4         | 2.2 A              |
| 135 ML 4/5         | 2.8 A              |
| 135 ML 4/6         | 3.2 A              |
| 135 ML 8/3         | 2.9 A              |
| 135 ML 8/4         | 3.4 A              |

#### DIMENSIONI E PESI - DIMENSIONS AND WEIGHTS

| TIPO - TYPE    |             | PORT<br>DN | DIM mm |     | kg   |      |
|----------------|-------------|------------|--------|-----|------|------|
| Single-phase   | Three-phase |            | Ø      | h   | 1~   | 3~   |
| 135 MLm 2/2 GE | -           | 1 1/4"     | 135    | 459 | 13.1 | 13.1 |
| 135 MLm 2/3 GE | 135 ML 2/3  |            |        | 486 | 13.6 | 13.6 |
| 135 MLm 2/4 GE | 135 ML 2/4  |            |        | 543 | 15.2 | 14.4 |
| 135 MLm 2/5 GE | 135 ML 2/5  |            |        | 570 | 16.2 | 15.4 |
| 135 MLm 2/6 GE | 135 ML 2/6  |            |        | 617 | 18.6 | 17.3 |
| 135 MLm 4/3 GE | 135 ML 4/3  |            |        | 486 | 13.7 | 13.5 |
| 135 MLm 4/4 GE | 135 ML 4/4  |            |        | 543 | 15.2 | 14.1 |
| 135 MLm 4/5 GE | 135 ML 4/5  |            |        | 570 | 16.7 | 15.5 |
| 135 MLm 4/6 GE | 135 ML 4/6  |            |        | 617 | 18.0 | 17.8 |
| 135 MLm 8/3 GE | 135 ML 8/3  |            |        | 516 | 15.5 | 14.4 |
| 135 MLm 8/4 GE | 135 ML 8/4  |            |        | 563 | 17.5 | 16.3 |



#### PALLETIZZAZIONE - PALLETISING

| TIPO - TYPE    |             | FOR GROUPAGE |
|----------------|-------------|--------------|
| Single-phase   | Three-phase | n° pumps     |
| 135 MLm 2/2 GE | -           | 30           |
| 135 MLm 2/3 GE | 135 ML 2/3  | 30           |
| 135 MLm 2/4 GE | 135 ML 2/4  | 25           |
| 135 MLm 2/5 GE | 135 ML 2/5  | 25           |
| 135 MLm 2/6 GE | 135 ML 2/6  | 25           |
| 135 MLm 4/3 GE | 135 ML 4/3  | 30           |
| 135 MLm 4/4 GE | 135 ML 4/4  | 25           |
| 135 MLm 4/5 GE | 135 ML 4/5  | 25           |
| 135 MLm 4/6 GE | 135 ML 4/6  | 25           |
| 135 MLm 8/3 GE | 135 ML 8/3  | 30           |
| 135 MLm 8/4 GE | 135 ML 8/4  | 25           |